

# **Phase One Environmental Site Assessment**

**8079 Eighth Line**

**Halton Hills, Ontario**

## **Prepared For:**

**Mr. Glen Hansen**

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**DS Project No : 19-040-100**  
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## Executive Summary

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DS Consultants Ltd. (DS) was retained by Mr. Glen Hansen (the “Client”) to conduct a Phase One Environmental Site Assessment (ESA) of the Property located at 8079 Eighth Line, Halton Hills, Ontario, herein referred to as the “Phase One Property”. DS understands that this Phase One ESA may be used to support the filing of a Record of Site Condition (RSC) as part of the proposed redevelopment of the Phase One Property for commercial recreational purposes. It is understood that the proposed development would consist of a water park.

The Phase One Property is a 19.5-hectare (48 acres) parcel of land situated within a residential and agricultural neighborhood in the Town of Halton Hills, Ontario. The Phase One Property is located approximately 200 metres northeast of the intersection of Steeles Avenue and Eight Line North. The Phase One Property was historically used for agricultural and residential purposes from the 1880s to present. The Site formerly contained several structures, including a house and associated agricultural sheds/barns. The former structures have all been demolished, the Site is currently vacant.

The Phase One ESA was completed to satisfy the intent of the requirements, methodology and practices for a Phase One ESA as described in Ontario Regulation 153/04 (as amended). The objectives of the Phase One ESA is to identify the presence or absence of potentially contaminating activities (PCAs) on the Phase One Property and/or within the Phase One Study Area, and to determine if the PCAs identified within the Phase One Study Area are likely to result in an Area of Potential Environmental Concern (APEC) on the Phase One Property. The information obtained by the Phase One ESA will be used to assess whether further investigation in the form of a Phase Two ESA is merited. It should be noted that this Phase One ESA does not include any sampling or testing and is based solely on a review of readily available data, and observations made during the Phase One Site Reconnaissance.

Based on the findings of the Phase One ESA, DS presents the following findings:

- ◆ The topography on the Phase One Property is undulating and within the Phase One Study Area is generally flat with a surficial elevation of 203 to 212 metres above sea level (masl) and a moderate slope to the east. Based on the local topography, the shallow groundwater flow direction within the Phase One Study Area is inferred to the east towards Sixteen Mile Creek. Long term groundwater monitoring would be required in order to confirm the direction of groundwater flow on the Phase One Property;
- ◆ Based on a review of the OGS Earth database, the Site is situated within a bevelled till plain physiographic region. The surficial geology within the Phase One Study area is described as “fine-textured glaciolacustrine deposits”, which may include silt and clay, minor sand and gravel with interbedded silt and clay and gritty, pebbly flow till and rainout deposits. The

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underlying bedrock within the area generally consists of shale, limestone, dolostone, and siltstone of the Queenston Formation; Based on a review of available well records the bedrock in the Phase One Study Area is anticipated to be encountered at an approximate depth range of 14 to 23 metres below ground surface (mbgs).

- ◆ Based on a review of available aerial photography it appears that the Phase One Property was developed prior to 1946 for agricultural/residential purposes. The residential buildings in Phase One Property were demolished in the 2017 and has been and is currently vacant. The adjacent properties generally appear to have been used for mixed residential, agricultural and commercial purposes.
- ◆ The 1880 County Atlas depicted an orchard in the northern portion of the Site. It is inferred that pesticides were applied liberally to the orchard.
- ◆ The Phase One ESA interview and the site reconnaissance identified that fill material of unknown quality has been imported to the Site and was observed in the vicinity of the former site buildings.
- ◆ A natural heritage feature as designated by the Halton Region Official Plan is present on the Phase One Property, associated with the East Sixteen Mile Creek. The Phase One Property is considered “environmentally sensitive”, as defined under O.Reg. 153/04 (as amended).
- ◆ The neighbouring properties within the Phase One Study Area appear to have been used for mixed residential, agricultural and commercial purposes since 1940s.

Based on a review of the information available at this time it is concluded that two (2) PCAs have been identified on the Phase One Property, associated with the presence of a former orchard, and the importation of fill material of unknown quality. These PCAs are considered to be contributing to two (2) APECs on, in or under the Phase One Property. The Potential Contaminants of Concern (PCOCs) identified by the QP include PHCs, VOCs, BTEX, Metals, As, Sb, Se, B-HWS, CN-, EC, Cr (VI), Hg, low or high pH, SAR, PAHs, and organochlorine (OC) pesticides. Based on the findings of this Phase One ESA, it is concluded that a Phase Two ESA is required to investigate the aforementioned APECs and to assess the environmental soil conditions on the Phase One Property. A Record of Site Condition cannot be filed based on the findings of the Phase One ESA.

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## 1.0 Introduction

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DS Consultants Ltd. (DS) was retained by Mr. Glen Hansen to complete a Phase One ESA of the Property located at 8079 Eighth Line, Halton Hills, Ontario, herein referred to as the “Phase One Property” or “Site”. DS understands that this Phase One ESA may be used to support the filing of a Record of Site Condition (RSC) as part of the proposed redevelopment of the Phase One Property for commercial purposes. It is understood that the proposed development would consist of a commercial recreational facility (water park). Details of the proposed development are unknown at this time.

It is understood that the intended future property use (commercial) is not considered to be a more sensitive property use as defined under O.Reg. 153/04 (as amended) than the current residential/agricultural use; therefore the filing of a Record of Site Condition (RSC) with the Ontario Ministry of Environment, Conservation and Parks (MECP) is not mandated under O.Reg. 153/04. However, it is DS’s understanding that Halton Region may require the filing of a RSC as part of the development approvals process.

The Phase One ESA was completed to satisfy the intent of the requirements, methodology and practices for a Phase One ESA as described in Ontario Regulation 153/04 (as amended). The objectives of the Phase One ESA is to identify the presence or absence of potentially contaminating activities (PCAs) on the Phase One Property and/or within the Phase One Study Area, and to determine if the PCAs identified within the Phase One Study Area are likely to result in an Area of Potential Environmental Concern (APEC) on the Phase One Property. The information obtained by the Phase One ESA will be used to assess whether further investigation in the form of a Phase Two ESA is merited. It should be noted that this Phase One ESA does not include any sampling or testing and is based solely on a review of readily available data, and observations made during the Phase One Site Reconnaissance.

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## 1.1 Phase One Property Information

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The information for the Phase One Property is provided in the following table.

**Table 1-1: Phase One Property Information**

Criteria	Information	Source
Legal Description	Part of Lot 1, Concession 9 ESQ, Being Part 1 Plan 20R20358, Halton Hills, Ontario	Land Registry Office
Property Identification Number (PIN)	25025-0078	Land Registry Office
Municipal Address	8079 Eighth Line, Halton Hills, Ontario	Client
Property Owner	8079 Eighth Line Halton Hills Inc.	Client
Property Owner Contact Information	Glen Hansen 8079 Eighth Line, P.O Box 36 Milton, Ontario, L9T 3Y3 Phone : 416-523-8379 Email: jennifer@jlplanning.ca	Client
Current Site Occupants	Vacant	Client
Site Area	19.5 hectares (43 acres)	Client

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## 1.2 Site Description

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The Phase One Property is a 19.5-hectare (43 acres) parcel of land situated within a mixed residential and commercial and agricultural neighborhood in the Town of Halton Hills, Ontario. The Phase One Property is located approximately 200 m (Northeast) of the intersection of Steeles Avenue and Eight Line North and was undeveloped and vacant at the time of this investigation.

There are two (2) watercourses on the property named as the East Sixteen Mile Creek, and an associated tributary. It is understood that the East Sixteen Mile Creek has a physical top of bank feature that has been staked by Conservation Halton. A Site Location Plan is provided in Figure 1.

For the purposes of this report, Steeles Avenue is assumed to be aligned in an east-west orientation, and Eighth Line North street in a north-south orientation. A Plan of Survey for the Phase One Property dated June 7, 2019 and prepared by Hodero Holdings Ltd. an Ontario Land Surveyor, has been provided under Appendix A.

The Phase One Property is currently vacant and is an approximately rectangular parcel of land without any buildings. It is understood that the Site may be developed into a water park in the future.

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## 2.0 Scope of Investigation

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The Phase One ESA was completed to satisfy the intent of the requirements, methodology and practices for a Phase One ESA as described in Ontario Regulation 153/04, as amended (Phase One ESA requirements). This included:

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- ◆ A review of reasonably ascertainable records and reports regarding historical and current use, regulatory information, occupancy, and activities for the Phase One Property, including:
    - Physical setting information such as aerial photographs, topographic mapping, available historical maps and drawings;
    - Company records (e.g., site plans, building plans, permit records, production and maintenance records, asbestos surveys, site utility drawings, emergency response and contingency plans, spill reporting plans and records, inventories of chemicals and their usage (e.g. WHMIS), environmental monitoring data, waste management records, inventory of underground and aboveground tanks, environmental audit reports) provided to DS;
    - Geological and hydrogeological information in published government maps and/or reports;
    - A review of information on file with Ecolog ERIS, a commercial database that provides information from numerous private, provincial, and federal environmental databases/registries;
    - Review of fire insurance plans, municipal directory documentation and available environmental reports that are pertinent to the Phase One Property;
    - Regulatory Information, including such as Permits or Certificates of Approval (pertaining to activities that may impact the condition of the property, orders, control orders, or complaints related to environmental compliance that may impact the condition of the property, and violations of environmental statutes, regulations, by-laws, and permits that may impact the condition of the property;
    - Environmental source information including published and online records from Ministry of Environment, Conservation and Parks (MECP), Environment Canada, Technical Standards and Safety Authority (TSSA), and the City of Toronto; and
    - The Ontario Ministry of Natural Resources (MNR) Natural Heritage Information Centre database and the Conservation Authority website for information specific to natural areas, such as locations of environmentally sensitive areas or species.
  - ◆ Interviews with available individuals having knowledge of current and/or past site activities;
  - ◆ An inspection of the Phase One Property, and the activities on the adjacent properties, including and assessment of the following:
    - The site operations, processes, and waste management currently carried out on the Phase One Property.
    - The neighbouring land uses (i.e. identification of environmentally sensitive neighbours, as well as an assessment of potential off-site sources of contamination);
    - The source of potable water for the Phase One Property and properties within the Phase One Study Area;
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- The potential presence of existing or former above-ground or underground fuel storage tanks (ASTs or USTs);
  - Possible cut and fill operations that may resulted in the importation of fill material of unknown quality;
  - The presence/absence of floor cracks, hydraulic hoists, elevators, sumps and drains;
  - Areas suspected to contain evidence of surficial and sub-surface impacts (e.g. areas of staining);
  - The potential presence of various Designated Substances and building materials including:
    - Friable and non-friable asbestos
    - Urea formaldehyde foam insulation (UFFI)
    - Chlorofluorocarbons (CFCs) in air conditioning and refrigeration equipment
    - PCB-containing materials and electrical equipment
    - Lead-based paint
    - Mould
  - The presence/absence of wells, pits and lagoons, drainage sumps and floor drains, sewage and wastewater disposal pipelines; and
  - General site conditions, including topography and drainage, standing water, right-of-ways, presence of underground utilities, evidence of stained or odorous soils, and stressed vegetation.
- ◆ Evaluation of the information and documentation of the results in the form of a Phase One ESA Report.

The objectives of the Phase One ESA are:

1. To assess the environmental condition of the Phase One Property to develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in, or under the Phase One Property;
2. To identify potentially contaminating activities within the Study Area (i.e., areas within 250 m of the Property), and to assess if Areas of Potential Environmental Concern (APECs) exist on the Phase One Property;
3. To identify the Potential Contaminants of Concern associated with the PCAs identified; and
4. To provide a basis for subsequent investigation, if required, based on the findings of the Phase One ESA.

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## **3.0 Records Review**

### **3.1 General**

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#### **3.1.1 Phase One Study Area Determination**

Based on a review of the available historical records and the observations made during the Phase One Site Reconnaissance, no heavy industrial properties or other relevant potentially contaminating activities were observed which were considered to merit expanding the Phase One Study Area. As such the Phase One Study Area was defined by a 250-metre (m) radius around the Phase One Property boundary, in accordance with O.Reg. 153/04 (as amended).

The properties within 250 m of the Phase One Property generally consist of residential, parkland, commercial, agricultural land uses. An assessment of the historical and current use of all properties within the Phase One Study Area was conducted in order to assess for the presence/absence of potentially contaminating activities. A summary of the potentially contaminating activities identified within the Phase One Study Area is provided under Section 6.2. A plan depicting the Phase One Study Area limits as well as the current land uses is presented in Figures 2 and 3.

#### **3.1.2 First Developed Use Determination**

The first developed use of the Phase One Property is considered under O.Reg. 153/04 (as amended) to be either the first use of the Phase One Property in or after 1875 that resulted in the development of a building or structure on the property, or the first potentially contaminating use or activity on the Phase One Property.

The determination of the first developed use of the Phase One Property was based on a review of available aerial photographs, historical maps, fire insurance plans, city directories, and interviews. Based on the information obtained, the first developed use of the Phase One Property was for agricultural and residential purposes which occurred prior to 1946.

#### **3.1.3 Fire Insurance Plans**

Fire insurance plans were prepared between 1875 and 1923 and revised in some areas until the 1970s. A search of Fire Insurance Plans (FIPs) was undertaken at the Metropolitan Toronto Reference Library and City Toronto's online services. FIPs were reviewed to confirm the building construction, occupancy, and potential fire hazardous with details regarding storage tanks, boilers, transformers, electrical room, etc. No fire insurance plans were available for the Phase One Property and Study Area.

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#### **3.1.4 Chain of Title**

A chain of title search was not provided by the Client at the time of the investigation, however the parcel registry contained information regarding chain of title for the Phase One Property. Information pertaining to the historical land use was obtained from other sources, including the parcel registers, city directories, aerial photography and Phase One ESA interview. A summary of the inferred current and past use is summarized in Section 6.1 of this report.

Information for the parcel register is provided in Appendix F.

#### **3.1.5 Environmental Reports**

There were no previous environmental reports available for DS to review for the Site at the time of this investigation.

#### **3.1.6 City Directories**

City Directories for the years 1993 to 1999 were reviewed at the Metropolitan Toronto Reference Library. The Phase One Property is not listed in the directories prior to 1999. The adjacent properties generally appear to have been used for residential and agricultural purposes. There were not any listings in the City Directories were noted by DS to be of potential environmental concern.

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### **3.2 Environmental Source Information**

#### **3.2.1 Ecolog Eris Report**

EcoLog Environmental Risk Information Services Ltd. (ERIS) is an organization that maintains and searches various government and private databases for property-related environmental information.

DS contacted EcoLog Environmental Risk Information Services Ltd. (EcoLog ERIS), an environmental database and information service company, to request a search of government and private records for information pertaining to the Phase One Property and Phase One Study Area. EcoLog searched 15 Federal databases, 37 Provincial databases and 10 private databases. A summary of the databases provide by ERIS is provided in the Table below:

**Table 3-1: Summary of Environmental Databases Reviewed**

Federal Government Source Databases	Private Source Databases
Contaminated Sites on Federal Land; Environmental Effects Monitoring; Environmental Issues Inventory System; Federal Convictions; Fisheries & Oceans Fuel Tanks; Indian & Northern Affairs Fuel Tanks; National Analysis of Trends in Emergencies System (NATES); National Defense & Canadian Forces Fuel Tanks; National Defense & Canadian Forces Spills; National Defense & Canadian Forces Waste Disposal Sites; National Environmental Emergencies System (NEES); National PCB Inventory; National Pollutant Release Inventory; Parks Canada Fuel Storage Tanks; and Transport Canada Fuel Storage Tanks.	Anderson's Storage Tanks; Anderson's Waste Disposal Sites; Automobile Wrecking & Supplies; Canadian Mine Locations; Canadian Pulp and Paper; Chemical Register; ERIS Historical Searches; Oil and Gas Wells; Retail Fuel Storage Tanks; and Scott's Manufacturing Directory.
Provincial Government Source Databases	
Abandoned Aggregate Inventory; Abandoned Mine Information System; Aggregate Inventory; Borehole; Certificates of Approval; Certificates of Property Use; Commercial Fuel Oil Tanks; Compliance and Convictions; Drill Hole Database; Environmental Activity and Sector Registry; Environmental Compliance Approval; Environmental Registry; Fuel Storage Tank; Fuel Storage Tank – Historic; Inventory of Coal Gasification Plants and Coal Tar Sites; TSSA Historic Incidents; TSSA Incidents; TSSA Pipeline Incidents; TSSA Variances for Abandonment of Underground Storage Tanks;	Inventory of PCB Storage Sites; Landfill Inventory Management Ontario; List of TSSA Expired Facilities; Mineral Occurrences; Non-Compliance Reports; Ontario Oil and Gas Wells; Ontario Regulation 347 waste Generators Summary; Ontario Regulation 347 Waste Receivers Summary; Ontario Spills; Orders; Permit to Take Water; Pesticide Register; Private and Retail Fuel Storage Tanks; Record of Site Condition; Waste Disposal Sites – MECP 1991 Historical Approval Inventory; Waste Disposal Sites – MECP CA Inventory; Wastewater Discharger Registration Database; and Water Well Information System

The ERIS report indicated that there were three listings for the Phase One Property, and thirty-six listings for the remaining properties within the Phase One Study Area. A copy of the ERIS report has been provided under Appendix B. A summary of the potentially contaminating activities identified in the ERIS report and other pertinent information is provided in the Table below:



**Table 3-2: Summary of ERIS Report Findings**

Database	Entry Details	PCA Identification No.
Ontario Regulation 347 Waste Generators Summary (GEN)	<p>A total of six records were found within the Phase One Study Area, pertaining to the two properties indicated below:</p> <ul style="list-style-type: none"> <li>1144 Steeles Ave. W: FL Signs Ltd. for the years of 1986-1990 and 1992-2001 for petroleum distillates.</li> <li>13850 Steeles Ave. W: Restoration Hardware for the year of 2018 for wastes from the use of pigments, coating and paints.</li> </ul>	<p>PCA-1</p> <p>PCA-2</p>
TSSA Historical Incidents (HINC)	<p>One spill record was identified, pertaining to the release of 2L of furnace oil to the basement and drain (former site building). The spill was reported to the MOE on January 4, 2008. Due to the limited nature of the spill, this occurrence is not considered to be a potentially contaminating activity.</p>	No PCA
Scott's Manufacturing Directory (SCT)	<p>The records indicated 2 listings within the Phase One Study Area.</p> <ul style="list-style-type: none"> <li>1144 Steeles Ave. corresponds to FL Signs ltd. for signs and advertising specialties, sign manufacturing and digital printing</li> <li>14030 Steeles Avenue corresponds to FL Signs ltd. for signs and advertising specialties, sign manufacturing and digital printing.</li> </ul>	<p>PCA-1</p> <p>PCA-2</p>
Ontario Spills (SPL)	<p>A total of two (2) spills were recorded within the Phase One Study Area, though only the significant entries are listed below:</p> <ul style="list-style-type: none"> <li>Spill of 2 Liters of furnace oil on the Site, as mentioned above (HINC).</li> <li>Union Gas Limited located at 13850 Steels Ave. for spill of unknown amount of natural gas occurred on September 20, 2018.</li> </ul>	<p>No PCA</p> <p>No PCA</p>
Water Well Information System (WWIS)	<p>A Total of twenty-four (24) well records were identified within the Phase One Study Area.</p> <p>The records indicate that one monitoring well was completed on the Phase One Property. Details regarding the soil lithology are provided on the Ecolog ERIS report, which is provided in Appendix B.</p>	No PCA

### 3.2.2 Ministry of the Environment- Freedom of Information

A request was submitted to the MECP Freedom of Information and Protection of Privacy Office (Appendix C) to determine if there were any environmental incidents or violations associated with the Phase One Property; whether any Control Orders have been issued; whether there have been any other environmental concerns associated with the property such as complaints, inspections, etc.; whether any environmental investigations have been carried out regarding the subject property; and, to determine if the Ministry's Spills Action Centre's (SAC's) files contain any reported spills that had occurred in the site vicinity. Note that the SAC's database dates back only to 1988 and many of the

occurrences on file have only been reported voluntarily. In addition, the MECP was requested to search their files (all years) regarding the following parameters: air emissions, water, sewage, wastewater and pesticides.

Files pertinent to this investigation would include, though are not limited to: regulatory permits, records; material safety data sheets; underground utility drawings; inventories of chemicals, chemical usage and chemical storage areas; inventory of aboveground storage tanks and underground storage tanks; monitoring data, including that done at the request of the MECP; historical and current waste management, receiver and generator records; process, production and maintenance documents related to areas of potential environmental concern; spills/discharge records; emergency and contingency plans; environmental audit reports; site plan of facility showing areas of production and manufacturing.

A response has been received from the MECP on October 7, 2019. No records were located within the Phase One Property. A copy of the correspondence with the MECP has been appended under Appendix C.

### **3.2.3 Technical Standards and Safety Authority**

The Technical Standards and Safety Authority (TSSA) maintain records related to storage tanks for petroleum related products. The TSSA was contacted to review records related to the Property and Study Area. According to the response received on October 4, 2019 from Ms. Gaya of TSSA, no records for the Phase One Property and properties located in the Study Area

A copy of the correspondence with the TSSA has been appended under Appendix C.

### **3.2.4 Areas of Natural and Scientific Interest**

The Natural Heritage Areas database published by the Ministry of Natural Resources (MNR) was reviewed in order to identify the presence/absence of areas of natural significance including provincial parks, conservation reserves, areas of natural and scientific interest, wetlands, environmentally significant areas, habitats of threatened or endangered species, and wilderness areas. The regional and municipal Official Plans were also reviewed as part of this assessment.

A review of these databases indicated that Redside Dace, and the Jefferson Salamander as endangered, and the Bobolink as threatened species within 1 km of the Site. DS was informed that the findings of the ecological assessment of the property identified the presence of Boblink in the northeastern portion of the property. Based on this finding the Phase One Property is considered to be environmentally sensitive, as defined by O.Reg. 153/04 (as amended).

### **3.2.5 Conservation Halton (CH)**

According to the CH, there are two (2) watercourses on the property named as the East Sixteen Mile Creek and an associated tributary. East Sixteen Mile Creek have a physical top of bank feature that

has been staked by Conservation Halton. The Phase One Property is located in the Sixteen Mile Creek watershed.

### 3.3 Physical Setting Sources

#### 3.3.1 Aerial Photographs and Historical Mapping

Aerial Photographs for the years 1946, 1965, 1974 and 1988 were obtained from ERIS and reviewed as part of this assessment. Google Earth was used to review satellite imagery from the years 2005, 2015 and 2018. A summary of pertinent information obtained from the aerial photographs reviewed is presented in the Table below. The supporting documents have been appended under Appendix D.

**Table 3-3: Summary of Aerial Photographs**

Year	Phase One Property	Phase One Study Area	PCA Identified
1880	The Phase One Property appears to be part of a larger agricultural lot owned by D. Lindsay Jr. An orchard appears to have been present in the northern portion of the Site.	The neighbouring properties appear to have been predominantly used for agricultural purposes at this time. A church is depicted on the northeast corner of the intersection of Steeles Avenue and Eight Line	PCA-3
1946	There appears to be four structures built on the Phase One Property. The majority of the site is undeveloped or using as farmland.	<b><u>North:</u></b> North of the property appears to be undeveloped at the time.  <b><u>South:</u></b> South of the property appears to be a few structures and have been developed for residential purposes at this time.  <b><u>East:</u></b> East of the property appears to be undeveloped at the time. A river appears to be located to the east.  <b><u>West:</u></b> West of the property appears to be undeveloped.	No PCA
1965	No significant changes.	<b><u>North:</u></b> The majority of north adjoining properties are undeveloped at this time. A few structures are observable on northwest of the Phase One Property (east side of Eighth Line) and are inferred to be residential.	

Year	Phase One Property	Phase One Study Area	PCA Identified
		<p><b><u>South:</u></b> The adjoining properties on the south side of Phase One Property appear to have been developed for residential purposes. A cemetery is appeared to be developed on southwest corner of the property.</p> <p><b><u>East:</u></b> No significant changes.</p> <p><b><u>West:</u></b> No significant changes.</p>	
1974	No significant changes.	<p><b><u>North:</u></b> No significant changes except for the structures on the northwest corner of the property. They are appeared to be developed on both east and west side of Eighth Line and are inferred to be residential.</p> <p><b><u>South:</u></b> No significant changes.</p> <p><b><u>East:</u></b> No significant changes and resemble to its current configuration.</p> <p><b><u>West:</u></b> No significant changes and resemble to its current configuration.</p>	
1988	No significant changes.	<p><b><u>North:</u></b> No significant changes.</p> <p><b><u>South:</u></b> No significant changes.</p> <p><b><u>East:</u></b> No significant changes.</p> <p><b><u>West:</u></b> No significant changes.</p>	
2005	No significant changes except for the residential structures within the property.	<p><b><u>North:</u></b> No significant changes.</p> <p><b><u>South:</u></b> No significant changes.</p>	

Year	Phase One Property	Phase One Study Area	PCA Identified
		<u><b>East:</b></u> No significant changes.  <u><b>West:</b></u> No significant changes.	
2015	No significant changes.	<u><b>North:</b></u> No significant changes.  <u><b>South:</b></u> A commercial structure on southwest corner of property appears to have been developed and resemble their current configuration.  <u><b>East:</b></u> No significant changes.  <u><b>West:</b></u> No significant changes.	
2018	The residential structures appear to have been demolished at this time.	<u><b>North:</b></u> No significant changes.  <u><b>South:</b></u> No significant changes.  <u><b>East:</b></u> No significant changes.  <u><b>West:</b></u> No significant changes.	

### 3.3.2 Topography, Hydrology, Geology

The topography within the Phase One Study Area generally uneven and sloped to the east, towards Sixteen Mile Creek located east of the Phase One Property. The nearest body of water is Sixteen Mile Creek and its tributaries passing within the east side of the Phase One Property. Based on a review of the MECP well records, the depth to groundwater in the vicinity of the Phase One Property is approximately 6 m. The shallow groundwater flow direction within the Phase One Study Area is inferred to the southeast towards Sixteen Mile Creek.

The Site is situated within a bevelled till plain physiographic region. The surficial geology within the Phase One Study area is described as “fine-textured glaciolacustrine deposits”, which may include silt and clay, minor sand and gravel with interbedded silt and clay and gritty, pebbly flow till and rainout deposits. The underlying bedrock within the area generally consists of shale, limestone, dolostone, and siltstone of the Queenston Formation; Based on a review of available well records the bedrock in

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the Phase One Study Area is anticipated to be encountered at an approximate depth range of 14 to 23 metres below ground surface (mbgs).

### **3.3.3 Fill Materials**

According to the aerial photographs and site representative interview, fill material has been imported to the Phase One Property (PCA-4).

### **3.3.4 Water Bodies and Areas of Natural Significance**

Two ponds were observed at the time of site reconnaissance, one in the center and the other one on the southeast of the Site. The nearest body of water to the Phase One Property is Sixteen Mile Creek which traverses the east side of the Site. Natural Heritage Features are natural areas that have been identified as significant and worthy of protection on three criteria – ecology, hydrology and geology. Municipalities has developed policies to protect natural heritage features. The Region uses the Natural Heritage System as a means to protect natural areas like wetlands, fish habitat, woodlands, habitat of rare species, groundwater recharge and discharge areas, and Areas of Natural and Scientific Interest.

A natural heritage feature as designated by the Halton Region Official Plan is present on the Phase One Property, associated with the East Sixteen Mile Creek.

### **3.3.5 Well Records**

Water well records were also searched as part of the EcoLog ERIS database query. One (1) record was available for the Phase One Property and also the records indicate that twenty-three wells were completed on the Phase One Study Area.

According to the Ministry of Environment, Conservation and Parks (MECP) Well Records, the well in Phase One Property was drilled to the depth of approximately 20 meters bellow ground surface (mbgs) on 1958, consisting of clay up to 8 mbgs and clay with gravel at the depth range between 8 to 15 mbgs. Red Shale bedrock was encountered at the depth between 15 to 20 mbgs. Additional detail regarding the well construction, lithology encountered, and well purpose is included in the ERIS report provided under Appendix B.

## **3.4 Site Operating Records**

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The Property includes no structure and has mainly been used for agricultural purposes. No operating records were available.

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## 4.0 Interviews

### 4.1 Personnel Interviewed

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The following persons with the knowledge of the Property were interviewed or provided the required information.

**Table 4-1: Summary of Personnel Interviewed**

Date	Name	Affiliation	Position	Method of Interview
June 13, 2019	Glen Hansen	8079 8th Line Halton Hills Inc.	President	Questionnaire

### 4.2 Interviewee Rationale

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Glen Hansen is the president for 8079 8th Line Halton Hills Inc. located at 8079 8th Line, P.O. Box 36, Milton, Ontario. Mr. Glen Hansen is considered to be the most knowledgeable person regarding the historical site operation. The Phase One Interview was conducted by Mr. Patrick Fioravanti, B.Sc., P.Geo., QPESA via questionnaire.

### 4.3 Results of Interview

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The following summarizes the information that was provided by the site representative, based on their knowledge of site activities.

- The Phase One Property had been used as farmland and residential house that has been demolished recently.
- The Phase One Property has never utilised fuel oil.
- There are no aboveground or underground storage tanks on the property.
- Fill material has been imported to the Phase One Property (PCA-4)
- No hazardous material currently or historically has been stored on the Phase One Property.
- The Phase One Property is not serviced for water or wastewater.
- There is no evidence of any chemical spills occurred in the Phase One Property.
- No awareness of incidents that have occurred on the Property or adjoining properties that may affect the environmental quality of the Phase One Property.

DS compared the information obtained through the Phase One Interview with the information obtained from the historical records for the Site. The information provided by the interviewee was generally corroborated by the historical records, as such DS has no concern regarding the accuracy of the information provided.

## 5.0 Site Reconnaissance

### 5.1 General Requirements

**Table 5-1: Site Reconnaissance Notes**

Information	Details
Date of Investigation:	August 09, 2019
Time of Investigation:	11:00 am
Weather Conditions:	Clear, Sunny, 23 degrees Celsius
Duration of Investigation:	2 hours
Facility Operation	Vacant
Name of Person(s) conducting the assessment	Meysam Jafari MSc., GIT under the supervision of Patrick Fioravanti, B.Sc., P.Geo., QP <sub>ESA</sub>
Limitations	The entire site was accessible at the time of the site inspection. There were no limitations.

### 5.2 Specific Observations at Phase One Property

The Site Reconnaissance involved a visual assessment of the Phase One Property for the purpose of identifying potential PCAs, and associated APECs. Photographs of the Phase One Property were taken at the time of the Site Reconnaissance, and have been included under Appendix E.

**Table 5-2: Summary of Site Reconnaissance Observations**

General		
i.	Description of structures and other improvements, including the number and age of buildings	The Site is vacant at the time of the visit.
ii.	Description of the number, age and depth of below-ground structures	None observed.
iii.	Details of all tanks, above and below ground at the Phase One Property, including the material and method of construction of the tank, tank age, tank contents, tank volume, and whether in use or not	No aboveground or underground tanks were located on the Phase One Property.
iv.	Potable and non-potable water sources	There are two (2) watercourses on the property named as the East Sixteen Mile Creek and it's two tributaries. It is understood that the East Sixteen Mile Creek has a physical top of bank feature that has been staked by Conservation Halton. The tributary was dry at the time of site visit. According to ERIS report, there is one domestic well on the Property which was not observed at the time of the site visit.
Underground Utilities and Corridors		



i.	Type and location of underground utility and service corridors, such as sewer, water, electrical or gas lines located on, in or under the Phase One Property.	None observed. The property owner indicated that the Site is not currently serviced.
<b>Features of Structures and Buildings at the Phase One Property</b>		
i.	Entry and exit points	No structures were present at the time of this investigation.
ii.	Details of existing and former heating systems, including type and fuel source	None observed. There was no indication of former vent/fill pipes indicative of historical fuel oil heating systems at the time of the Site Reconnaissance.
iii.	Details of cooling systems, including type and fuel source, if any	None observed.
iv.	Details of any drains, pits and sumps, including their current use, if any, and former use	None observed.
v.	Details of any unidentified substances	None observed.
vi.	Details, including locations of strains or corrosion on floors other than from water, where located near a drain, pit, sump, crack or other potential discharge location	None observed.
vii.	Details, including locations, of current and former wells, including all wells described or defined in or under the <i>Ontario Water Resources Act</i> and the <i>Oil, Gas and Salt Resources Act</i>	One record for a domestic well was identified in the Ecolog ERIS report. This well was not observed at the time of site reconnaissance.
viii.	Details of sewage works, including their location	None observed.
ix.	Details of ground surface, including type of ground cover, such as grass, gravel, soil or pavement	Majority of the ground was covered by grass at the time of site visit. There was also a gravel covered driveway on the east side of the Property.
x.	Details of current or former railway lines or spurs and their locations	None observed.
xi.	Areas of stained soil, vegetation or pavement	None observed.
xii.	Stressed vegetation	None observed.
xiii.	Areas where fill and debris materials appear to have been placed or graded	Fill material and gravel was observed in the vicinity of the demolished site buildings.
xiv.	Potentially contaminating activity	None identified.
xv.	Details of any unidentified substances found at the Phase One Property	Not applicable.
<b>Enhanced Investigation Property</b>		

Where subsection 13(3) applies to the Phase One Property, provide the documentation referred to in subsection 13(3)	<p>In order to be classified as an enhanced investigation property, the Phase One Property must be used or have been used in whole or in part for any of the following uses:</p> <ul style="list-style-type: none"> <li>◆ Any industrial use</li> <li>◆ As a garage</li> <li>◆ As a bulk liquid dispensing facility, including a gasoline outlet</li> <li>◆ For the operation of dry-cleaning equipment</li> </ul> <p>There is no indication in the historical records of the Phase One Property being used for any of the aforementioned uses, and as such the Phase One Property is not considered an enhanced investigation property.</p>
<b>Hazardous Materials</b>	
i. Asbestos containing materials	No structures present at the time of this investigation.
ii. Lead containing materials	No structures present at the time of this investigation.
iii. PCB materials and equipment	No structures present at the time of this investigation.
iv. Urea Formaldehyde Foam Insulation (UFFI)	No structures present at the time of this investigation.
v. Ozone Depleting Substances (ODS)	No structures present at the time of this investigation.
vi. Herbicides and Pesticides	During the site inspection no material containing herbicides or pesticides were observed to be stored at the Phase One Property.
vii. Mould	None observed.
viii. Mercury	None observed.
ix. acrylonitrile, arsenic, benzene, coke oven emissions, ethylene oxide, isocyanates, silica, vinyl chloride	These items were not observed at the Property.
x. Pits and Lagoons	None observed.
xi. Air Emissions	None observed.
xii. Radioactive Materials & Radon Gas	Based on local geological formations in the area, it is unlikely the site is exposed to natural sources of radiation such as radon or uranium. Manmade sources of radioactive materials were not observed during the site inspection. A radiometric survey was not conducted during this investigation.

### 5.3 Written Description of Investigation

The site reconnaissance included a visual inspection of the Phase One Property to confirm current conditions and identify any current land uses or activities, which may have or may cause environmental impacts. The adjoining and neighbouring properties were observed from the Phase One Property and publicly accessible areas.

At the time of the Site Reconnaissance the land use within the Phase One Study Area was primarily (residential, commercial, Agricultural, etc.), as described in the table below:

**Table 5-3: Summary of Site Reconnaissance Observations within Phase One Study Area**

Observation	Details
Phase One Property	The Phase One Property was vacant at the time of the site reconnaissance.
North Adjacent Property	The north adjacent Property was occupied by farmland at the time of the site reconnaissance and was used for agricultural purposes.
East Adjacent Property	The east adjacent Property was occupied by farmland at the time of the site reconnaissance and was used for agricultural purposes.
South Adjacent Property	The south adjacent Property was mainly occupied by farmland and Sixteen Mile Creek conservation area, residential and a cemetery and parking lot on the southwest corner of the Site at the time of the site reconnaissance.
West Adjacent Property	The west adjacent Property was mainly occupied by farmland at the time of the site reconnaissance and was used for agricultural purposes. The northeast corner of the property was occupied by residential structures at the time of Site visit.
Water Bodies	There are 2 watercourses on the property named as the East Sixteen Mile Creek and associated tributary. The tributary was dry at the time of site visit.
Areas of Natural Significance/Natural Heritage	A natural heritage feature as designated by the Halton Region Official Plan is present on the Phase One Property, associated with the East Sixteen Mile Creek.

Photographs illustrating the Phase One Property and adjacent properties are provided under Appendix E. No potentially contaminating activities were observed at the time of the Site Reconnaissance. A visual depiction of the PCAs identified within the Phase One Study Area is provided under Figure 4.

## 6.0 Review and Evaluation of Information

### 6.1 Current and Past Uses

Current and past uses of the Phase One Property have been inferred based on the information provided in the aerial photographs, chain of title, city directories and conversations with the site representative. Summary of Current and Past Uses of the Phase One Property is presented in the table 6-1.

Year	Name of owner	Description of the property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
1880-2016	Various Private Individuals	Agricultural	Agricultural and Residential	None

## 6.2 Potentially Contaminating Activity

According to the Table 2, Schedule D, O. Reg. 153/04 as amended, potentially contaminating activities are activities that may contributing to areas of potential environmental concern on the Phase One Property. The PCAs identified on the Phase One Property and within the Phase One Study Area are summarized in the table below and are illustrated on Figure 3B.

**Table 6-2: Summary of PCAs**

PCA Item.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Contributing to APEC (Y/N)
PCA-1 (Off-Site)	PCA 58: Waste disposal and waste management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	Historical generation of petroleum distillate wastes at 1144 Steeles Ave. W, registered to FL Signs Ltd. for the years of 1986-1990 and 1992-2001  13850 Steeles Ave. W: Restoration Hardware for the year of 2018 for wastes from the use of pigments, coating and paints.	No – based on distance from site and down/cross-gradient orientation
PCA-2 (Off-Site)	PCA 58: Waste disposal and waste management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	Historical generation of waste pigments, coating and paints at 13850 Steeles Ave. W, registered to Restoration Hardware for the year of 2018.	No – based on distance from site and down/cross-gradient orientation
PCA-3 (On-Site)	PCA 40: Pesticides (including herbicides, fungicides and anti-fouling agents) manufacturing, processing, bulk storage and large-scale application	Historical presence of an orchard on the Site, as indicated in the 1880 County Atlas Map	Yes – APEC 1
PCA-4 (On-Site)	PCA 30: Importation of Fill Material of Unknown Quality	Fill material was reportedly imported to the Site.	Yes – APEC-2
PCA-5 (Off-Site)	PCA 40: Pesticides (including herbicides, fungicides and anti-fouling agents) manufacturing, processing, bulk storage and large-scale application	Historical presence of an orchard on the southeast neighbouring lot, as indicated in the 1880 County Atlas Map	No – based on distance from site and downgradient orientation

### 6.3 Areas of Potential Environmental Concern

The table of APECs presented in the form as approved by the Director is provided below, in accordance with clause 16(2)(a), Schedule D, O.Reg. 153/04.

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
APEC-1	Northern portion of Site	PCA 40: Pesticides (including herbicides, fungicides and anti-fouling agents) manufacturing, processing, bulk storage and large-scale application -Historical presence of Orchard On-Site	On Site	Metals, As, Sb, Se, CN, OC Pesticides	Soil
APEC- 2	Vicinity of former site buildings	PCA 30: Importation of Fill Material of Unknown Quality	On Site	PHCs, VOCs, BTEX, Metals, As, Sb, Se, B-HWS, CN-, EC, Cr (VI), Hg, low or high pH, SAR, PAHs	Soil

The rationale used by the QP in assessing the information obtained through the course of this investigation to determine whether PCAs exist and/or are contributing to an APEC on the Phase One Property has been provided in the proceeding sections. In general the potential for a PCA to be contributing to an APEC on the Phase One Property was assessed using the likelihood of the source to contaminate the Phase One Property, the possibility of the contaminants to migrate to the Phase One Property based on the hydraulic and geologic conditions, and the inherent properties of the contaminants of concern.

The contaminants of potential concern were determined based on the professional experience of the QP, common industry standards, literature reviews, and the inherent properties of the contaminant.

This investigation was conducted based on the assumption that all information provided to DS was factual and accurate. DS is not aware of any uncertainty factors which would affect the conclusions of this investigation.

As mentioned previously in this report, the historical information available for review for the Phase One Property was limited. No FIPs or city directories were available for the Phase One Study Area, however based on the review of other sources (e.g. aerial photography, site reconnaissance, Phase

One Interview) it is the opinion of the QP that the lack of historical records does not affect the conclusions of this report.

## 6.4 Phase One Conceptual Site Model

A Conceptual Site Model was developed for the Phase One Property, located at 8079 Eighth Line, Halton Hills, Ontario. The Phase One Conceptual Site Model is presented in Drawings 3, 4, and 5 and visually depict the following:

- ◆ Any existing buildings and structures
- ◆ Water bodies located in whole, or in part, on the Phase One Study Area
- ◆ Areas of natural significance located in whole, or in part, on the Phase One Study Area
- ◆ Water wells at the Phase One Property or within the Phase One Study Area
- ◆ Roads, including names, within the Phase One Study Area
- ◆ Uses of properties adjacent to the Phase One Property
- ◆ Areas where any PCAs have occurred, including location of any tanks
- ◆ Areas of Potential Environmental Concern

### 6.4.1 Potentially Contaminating Activity Affecting the Phase One Property

All PCAs identified within the Phase One Study Area are presented on Figure 4 and discussed in Section 6.2 above. The PCAs which are considered to contribute to APECs on, in or under the Phase One Property are summarized in the table below:

**Table 6-3: Summary of PCAs Contributing to APECs**

PCA Item.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Rationale
1	PCA 40: Pesticides (including herbicides, fungicides and anti-fouling agents) manufacturing, processing, bulk storage and large-scale application	The 1880 County Atlas indicated that an orchard was formerly present in the northern portion of the Site	It is inferred that pesticides were applied liberally to the former orchard. Residues of recalcitrant pesticides may be present in the topsoil.
2	PCA 30: Importation of Fill Material of Unknown Quality	Fill material was reportedly imported to the Site	The environmental quality of the fill material is unknown.

N/S - not specified in Table 2, Schedule D, of O.Reg. 153/04

### 6.4.2 Contaminants of Potential Concern

A summary of the contaminants of potential concern identified for respective APEC is presented in Table 7-1 above. The following contaminants of potential concern were identified for the Phase One Property: PHCs, VOCs, BTEX, Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR, and PAHs.

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### **6.4.3 Underground Utilities and Contaminant Distribution and Transport**

Underground utilities can affect contaminant distribution and transport. Trenches excavated to install utility services, and the associated granular backfill may provide preferential pathways for horizontal contaminant migration in the shallow subsurface.

Underground utilities were not identified at the Phase One Property since the residential building on the Phase One Property that has been demolished recently had never been utilised with municipal services. Therefore, it is unlikely that the utility corridors would act as a preferential pathway for contaminant distribution and transport if shallow subsurface contaminants exist at the Phase One Property.

### **6.4.4 Geological and Hydrogeological Information**

The topography within the Phase One Study Area generally uneven and sloped to the east, towards Sixteen Mile Creek located east of the Phase One Property. The nearest body of water is Sixteen Mile Creek and its tributaries passing within the east side of the Phase One Property. Based on a review of the MECP well records, the depth to groundwater in the vicinity of the Phase One Property is approximately 6 m. The shallow groundwater flow direction within the Phase One Study Area is inferred to the east towards Sixteen Mile Creek.

The Site is situated within a bevelled till plain physiographic region. The surficial geology within the Phase One Study area is described as “fine-textured glaciolacustrine deposits”, which may include silt and clay, minor sand and gravel with interbedded silt and clay and gritty, pebbly flow till and rainout deposits. The underlying bedrock within the area generally consists of shale, limestone, dolostone, and siltstone of the Queenston Formation; Based on a review of available well records the bedrock in the Phase One Study Area is anticipated to be encountered at an approximate depth range of 14 to 23 metres below ground surface (mbgs).

### **6.4.5 Uncertainty and Absence of Information**

DS has relied upon information obtained from federal, provincial, municipal, and private databases, in addition to records and summaries provided by EcoLog ERIS. All information obtained was reviewed and assessed for consistency, however the conclusions drawn by DS are subject to the nature and accuracy of the records reviewed.

All reasonable inquiries were made to obtain reasonably accessible information, as mandated by O.Reg.153/04 (as amended). All responses to database requests were received prior to completion of this report. This report reflects the best judgement of DS based on the information available at the time of the investigation.

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Information used in this report was evaluated based on proximity to the Phase One Property, anticipated direction of local groundwater flow, and the potential environmental impact on the Phase One Property as a result of potentially contaminating activities.

The QP has determined that the uncertainty does not affect the validity of the Phase One ESA Conceptual Site Model or the conclusions of this report.

## **7.0 Conclusions**

### **7.1 Phase Two Environmental Site Assessment Requirement**

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DS conducted a Phase One ESA for the property located at 8079 Eighth Line, Halton Hills, Ontario. The Phase One ESA was completed to satisfy the intent of the requirements, methodology and practices for a Phase One ESA as described in Ontario Regulation 153/04 (as amended). The objectives of the Phase One ESA was to identify the presence or absence of potentially contaminating activities (PCAs) on the Phase One Property and/or within the Phase One Study Area, and to determine if the PCAs identified within the Phase One Study Area are likely to result in an Area of Potential Environmental Concern (APEC) on the Phase One Property.

Based on the information obtained as part of this investigation, it is concluded that two (2) PCAs were identified within the Phase One Property which are considered to be contributing to two (2) APECs on, in or under the Phase One Property. Further investigation in the form of a Phase Two ESA will be required in order to meet the requirements of O.Reg.153/04 (as amended).

### **7.2 RSC Based on Phase One Environmental Site Assessment**

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Record of Site Condition cannot be filed on the basis of the Phase One ESA due to the identification of Areas of Potential Environmental Concern on the Phase One Property.

### **7.3 Limitations**

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This report was prepared for the sole use of Mr. Glen Hansen and is intended to provide an assessment of the environmental condition on the property located at 8079 Eighth Line, Halton Hills, Ontario. The information presented in this report is based on information collected during the completion of the Phase One Environmental Site Assessment by DS Consultants Ltd. The material in this report reflects DS' judgment in light of the information available at the time of report preparation. This report may not be relied upon by any other person or entity without the written authorization of DS Consultants Ltd. The scope of services performed in the execution of this investigation may not be appropriate to satisfy the needs of other users, and any use or reuse of this documents or findings, conclusions and recommendations represented herein, is at the sole risk of said users.



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The information and conclusions presented in this report are professional opinions in accordance with generally accepted engineering and scientific practices based on a cursory historical search, visual observations and limited information provided by persons knowledgeable about past and current activities on this site. The work completed as per the scope of work is considered sufficient in detail to form a reasonable basis for the findings presented in this report. As such, DS Consultants Ltd. cannot be held responsible for environmental conditions at the site that was not apparent from the available information.

#### **7.4 Qualifications of the Assessors**

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##### **Mr. Meysam Jafari, M.Sc., GIT**

Mr. Jafari is an Environmental Technician with DS Consultants Ltd. Meysam holds a master's in engineering Geology and has several years of experience working in the environmental industry. Meysam has experience with conducting Phase One and Phase Two Environmental Site Assessments, hydrogeological and geotechnical investigations in the Greater Toronto Area (GTA), and has been involved with project coordination, field assessments, data interpretation and reporting.

##### **Mr. Patrick (Rick) Fioravanti, B.Sc., P.Geo., QP<sub>ESA</sub>**

Mr. Fioravanti is the Manager of Environmental Services with DS Consultants Limited. Patrick holds a Honours Bachelor of Science with distinction in Toxicology from the University of Guelph and is a practicing member of the Association of Professional Geoscientists of Ontario (APGO). Patrick has over eight years of environmental consulting experience and has conducted and/or managed over 100 projects in his professional experience. Patrick has extensive experience conducting Phase One and Phase Two Environmental Site Assessments in support of brownfields redevelopment in urban settings, and been involved in numerous remediation projects, supported many risk assessments, and successfully filed Records of Site Condition with the Ministry of Environment, Conservation and Parks. He has conducted work across southern and eastern Ontario, and Quebec in his professional experience. Patrick is considered a Qualified Person to conduct Environmental Site Assessments as defined by Ontario Regulation 153/04 (as amended).

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## 7.5 Signatures

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DS Consultants Ltd. conducted this Phase One Environmental Site Assessment and confirms the findings and conclusions contained within this report.

Yours truly,

DS Consultants Ltd.

Prepared by:

A handwritten signature in black ink, appearing to read 'Meysam Jafari', with a long horizontal line extending to the left.

Meysam Jafari, M.Sc., GIT  
Environmental Technician

Reviewed by:

A handwritten signature in blue ink, appearing to read 'Patrick Fioravanti', with a long horizontal line extending to the right.

Patrick Fioravanti, B.Sc., P.Geo., QP<sub>ESA</sub>  
Manager - Environmental Services

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## 8.0 References

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- Canadian Standards Association (CSA) Document Z768-01 Phase 1 Environmental Site Assessment, Nov. 2001
- Ontario Regulation 153/04 Records of Site Condition — Part Xv.1 of The Act
- Natural Resources Canada Toporama <http://atlas.gc.ca/toporama/en/index.html>
- Environment Canada, National Pollutant Release Inventory
- Ontario Ministry of the Environment Hazardous Waste Information Network  
<https://www.hwin.ca/hwin/>
- Ontario Ministry of the Environment, Certificate of Approval search
- Ontario Ministry of the Environment, Brownfields Environmental Site Registry  
<https://www.ontario.ca/page/ministry-environment-and-climate-change>
- Ontario Ministry of the Environment, Inventory of Coal Gasification Plant Waste Sites in Ontario, 1987
- Ontario Ministry of the Environment, Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, 1998
- Ontario Ministry of the Environment, Inventory of PCB Storage Sites, 1994-2004
- Waste Disposal Site Inventory, 1991
- Ministry of Environment, Conservation and Parks-Freedom of Information
- Technical Standards and Safety Authority – Fuel Safety Division inquiry
- Ontario Geological Survey, 2013. Quaternary Geology of Ontario. Ontario Geological Survey, scale 1:100,000.
- Ontario Ministry of Northern Development and Ontario Geological Survey, 1991. Bedrock Geology of Ontario, Southern Sheet; Ontario Geological Survey, Map 2544, scale 1:1,000,000.
- Ontario Ministry of Natural Resources. Quaternary Geology of Toronto and Surrounding Area. Scale 1:100,000. Map number 2204.
- Historical Maps, aerial photos and Ontario Base Map
- City Directories from 2001 back to 1900
- City of Toronto online-services
- Environmental Risk Information Services (Ecolog ERIS Report)




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# Figures



Legend

 Approx. Site Boundary



**DS CONSULTANTS LTD.**  
6221 Highway 7, UNIT 16  
Vaughan, Ontario L4H 0K8  
Telephone: (905) 264-9393  
www.dsconsultants.ca

Client:  
  
MR. GLEN HANSEN

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
8079 Eighth Line N, Halton Hills, Ontario


Title: **SITE LOCATION PLAN**



Size: 8.5 x 11	Approved By: D.D	Drawn By: S.Y	Date: November 2019
Rev: 0	Scale: As Shown	Project No.: 19-040-100	Figure No.: <b>1</b>
Image/Map Source: Google Street Map			



# Legend

 Approx. Site Boundary



## DS CONSULTANTS LTD.

6221 Highway 7, UNIT 16  
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www.dsconsultants.ca

Client:

MR. GLEN HANSEN

Project:

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
8079 Eighth Line N, Halton Hills, Ontario

Title:

**PHASE ONE PROPERTY SITE PLAN**



Size:  
8.5 x 11

Approved By:

D.D

Drawn By:

S.Y

Date:

November 2019

Rev:  
0

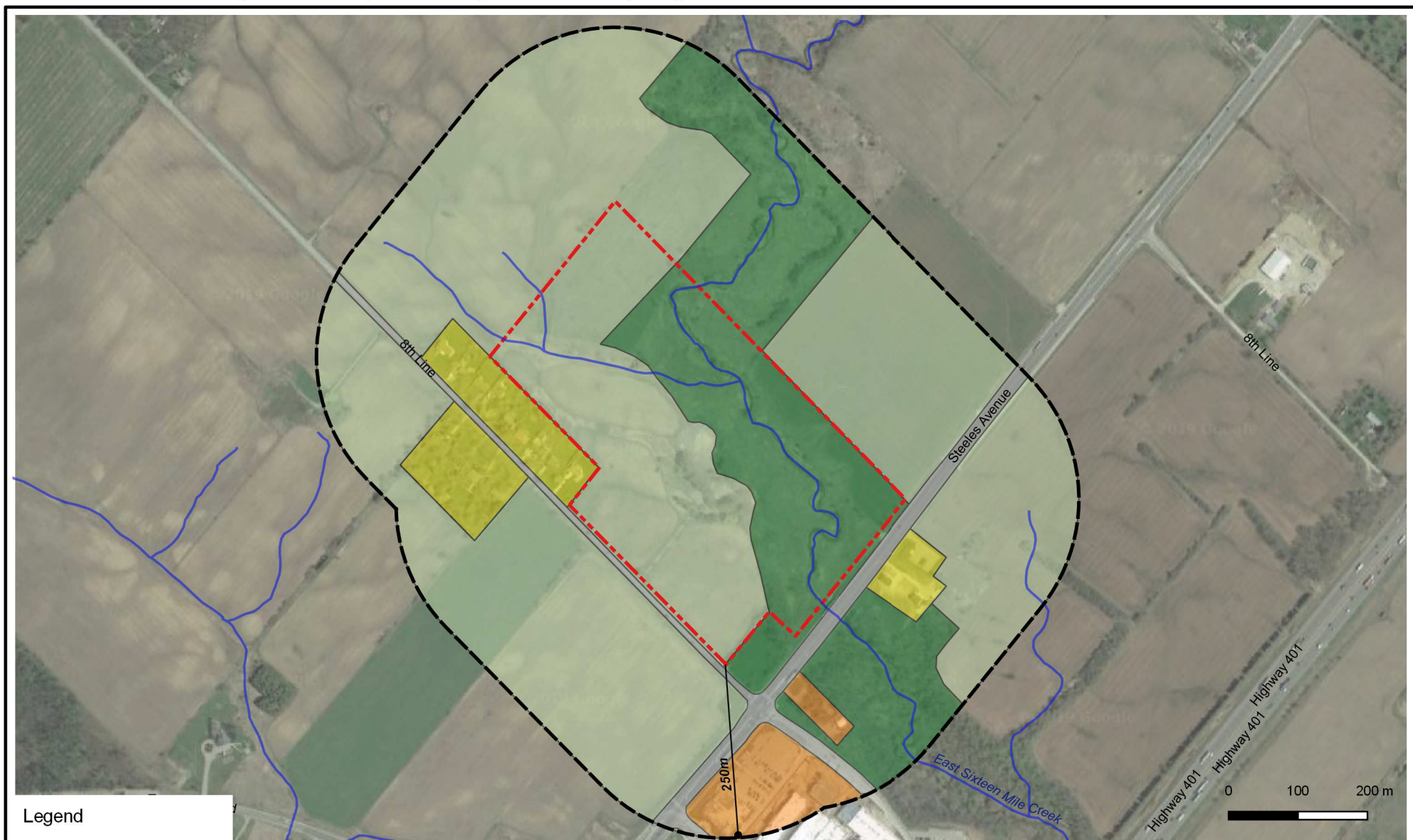
Scale: As Shown

Project No.: 19-040-100

Figure No.: **2**

Image/Map Source: Google Satellite Image





### Legend

- Approx. Site Boundary
- 250m Buffer
- Residential
- Commercial
- Agricultural
- Parkland



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Client:

MR. GLEN HANSEN

Project:

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
8079 Eighth Line N, Halton Hills, Ontario

Title:

**PHASE ONE STUDY AREA**

Size:  
8.5 x 11

Approved By:

D.D

Drawn By:

S.Y

Date:

November 2019

Rev:

Scale:

As Shown

Project No.:

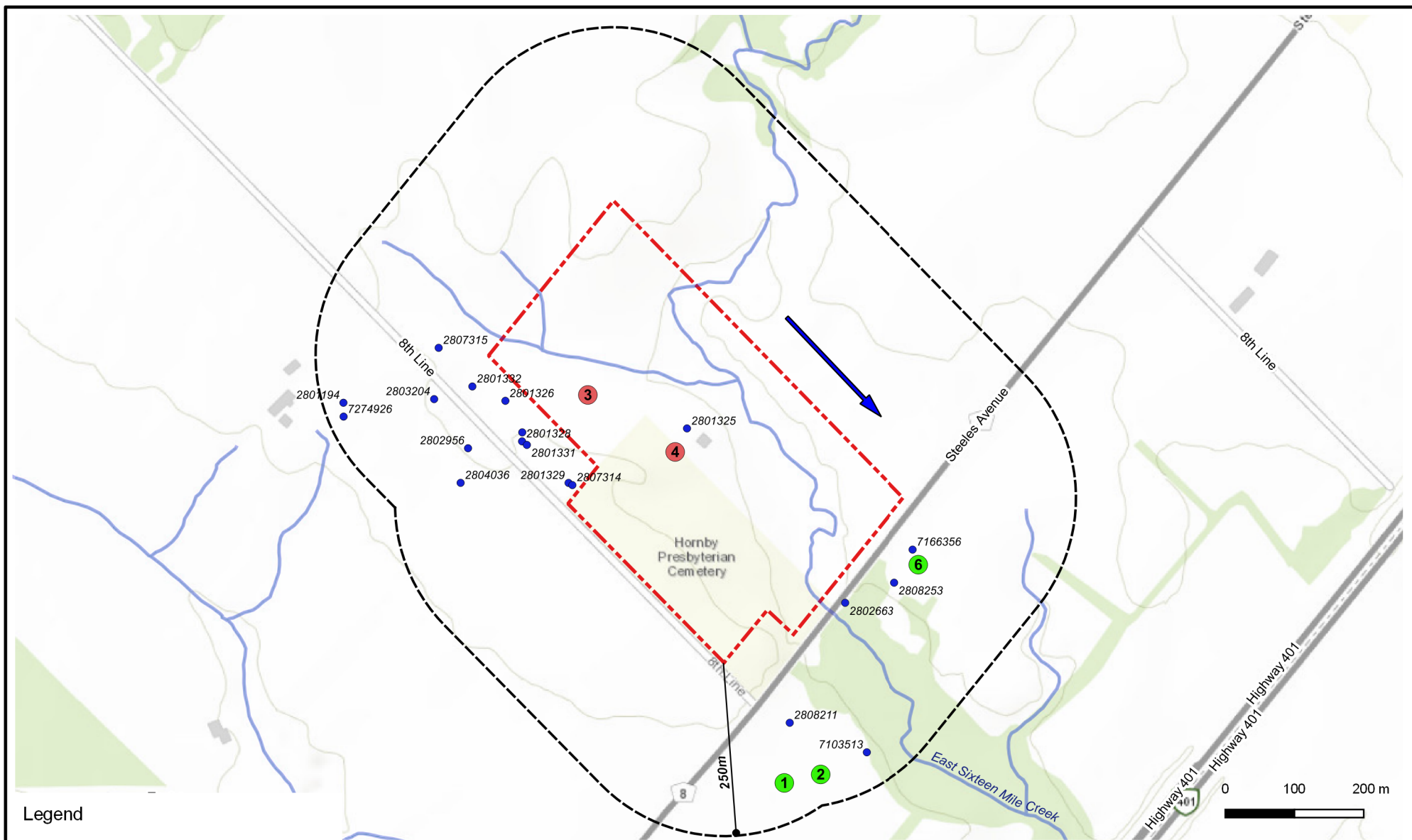
19-040-100

Figure No.:

**3**

Image/Map Source: Google Satellite Image





# Legend

- Approx. Site Boundary
- 250m Buffer
- Registered Water Wells (MECP WWR)
- PCA not contributing to APEC
- PCA contributing to APEC
- ➔ Inferred Groundwater Flow Direction



## **DS CONSULTANTS LTD.**

6221 Highway 7, UNIT 16  
Vaughan, Ontario L4H 0K8  
Telephone: (905) 264-9393  
www.dsconsultants.ca

Client:

MR. GLEN HANSEN

Project:

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
8079 Eighth Line N, Halton Hills, Ontario

Title:

**PCA WITHIN PHASE ONE STUDY AREA**

Size:  
8.5 x 11

Approved By: D.D

Drawn By: S.Y

Date: November 2019

Rev:

Scale: As Shown

Project No.: 19-040-100

Figure No.: **4**

Image/Map Source: Esri Topo Map







# Legend

- Approx. Site Boundary
- APEC 1
- APEC 2



## DS CONSULTANTS LTD.

6221 Highway 7, UNIT 16  
Vaughan, Ontario L4H 0K8  
Telephone: (905) 264-9393  
www.dsconsultants.ca

Client:

MR. GLEN HANSEN

Project:

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
8079 Eighth Line N, Halton Hills, Ontario

Title:

**SUMMARY OF APECs ON PHASE ONE PROPERTY**

Size:  
8.5 x 11

Approved By: D.D

Drawn By: S.Y

Date: November 2019

Rev:  
0

Scale: As Shown

Project No.: 19-040-100

Figure No.: **5**

Image/Map Source: Google Satellite Image





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# Appendices



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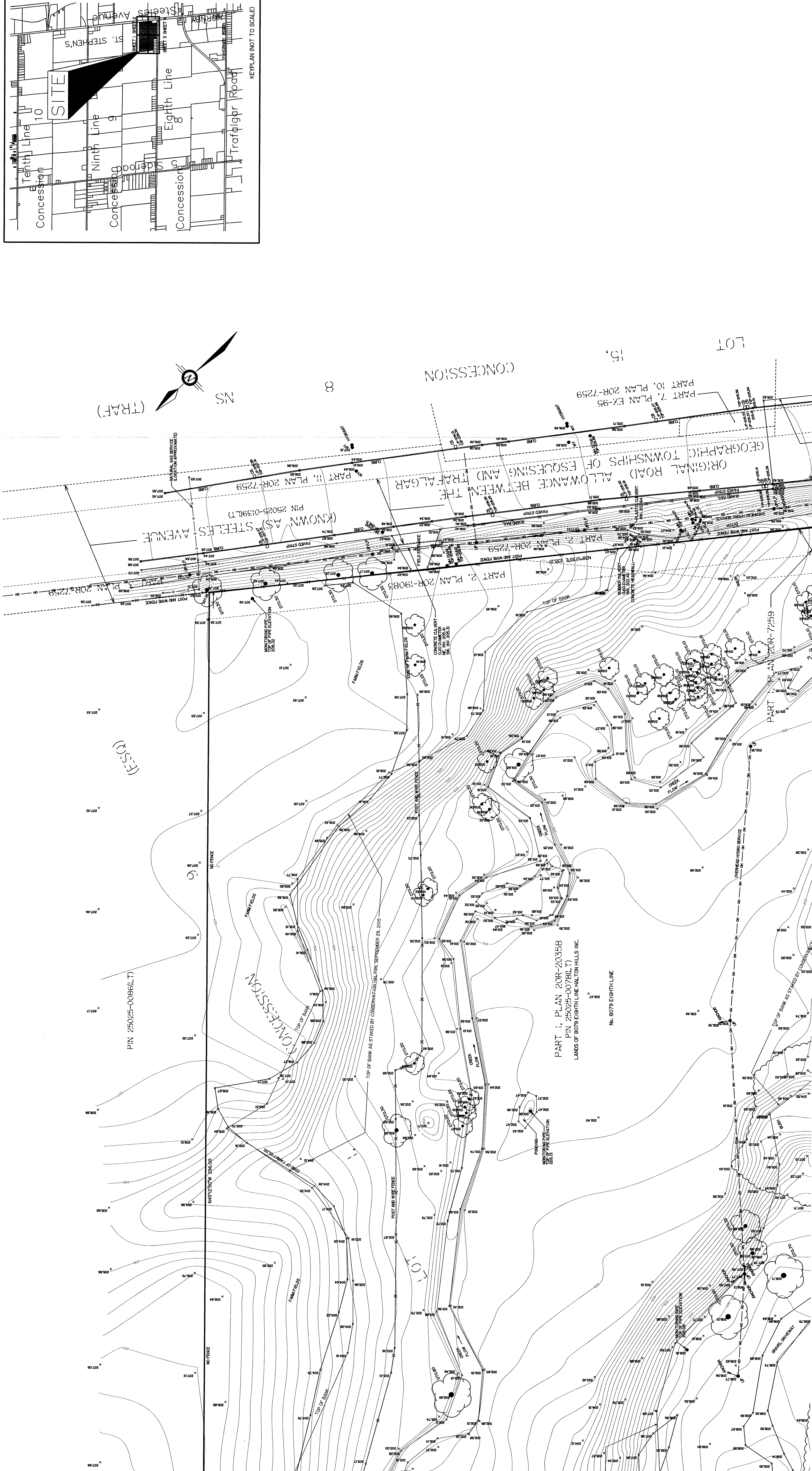
## **Appendix A – Plan of Survey**







### SKETCH ILLUSTRATING TOPOGRAPHIC DETAIL



**SHEET 2 OF 4**  
**HODERO HOLDINGS LTD.- 8079 EIGHTH LINE**

SHEET 2 OF 4  
HODERO HOLDINGS LTD.- 8079 EIGHTH LINE

VERSION NOTES:					
JUNE 7, 2019	ORIGINAL - EXISTING TOPOGRAPHIC DETAIL	1825-28RD			
# DATE	COMMENTS	FILE NO.			

**SURVEYOR'S CERTIFICATE**  
I CERTIFY THAT:  
1. THE FIELD WORK ON THIS SKETCH WAS COMPLETED ON THE

**NOTE:**  
THIS SKETCH REFLECTS CONDITIONS AT THE TIME  
OF THE SURVEY. FLOODING MAY OCCUR IN

THIS SKETCH IS AN ORIGINAL IF EMBOSSED BY THE SURVEYOR'S  
OF THE SURVEY. UPDATING MAY BE REQUIRED IN  
ORDER TO ISSUE ADDITIONAL COPIES SUBSEQUENT  
TO DATE OF THIS PLAN.

**CAUTION:**  
SEAL, OR IF IT IS PDF CERTIFIED IN AN ELECTRONIC VERSION.

a) THIS IS NOT A PLAN OF SURVEY AND SHALL NOT BE USED EXCEPT FOR THE PURPOSE INDICATED IN THE TITLE BLOCK.

b) THIS SKETCH IS PROTECTED BY COPYRIGHT ©

**LEGEND**

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THIS INFORMATION IS NOT TO BE RELEASED TO THE PUBLIC.

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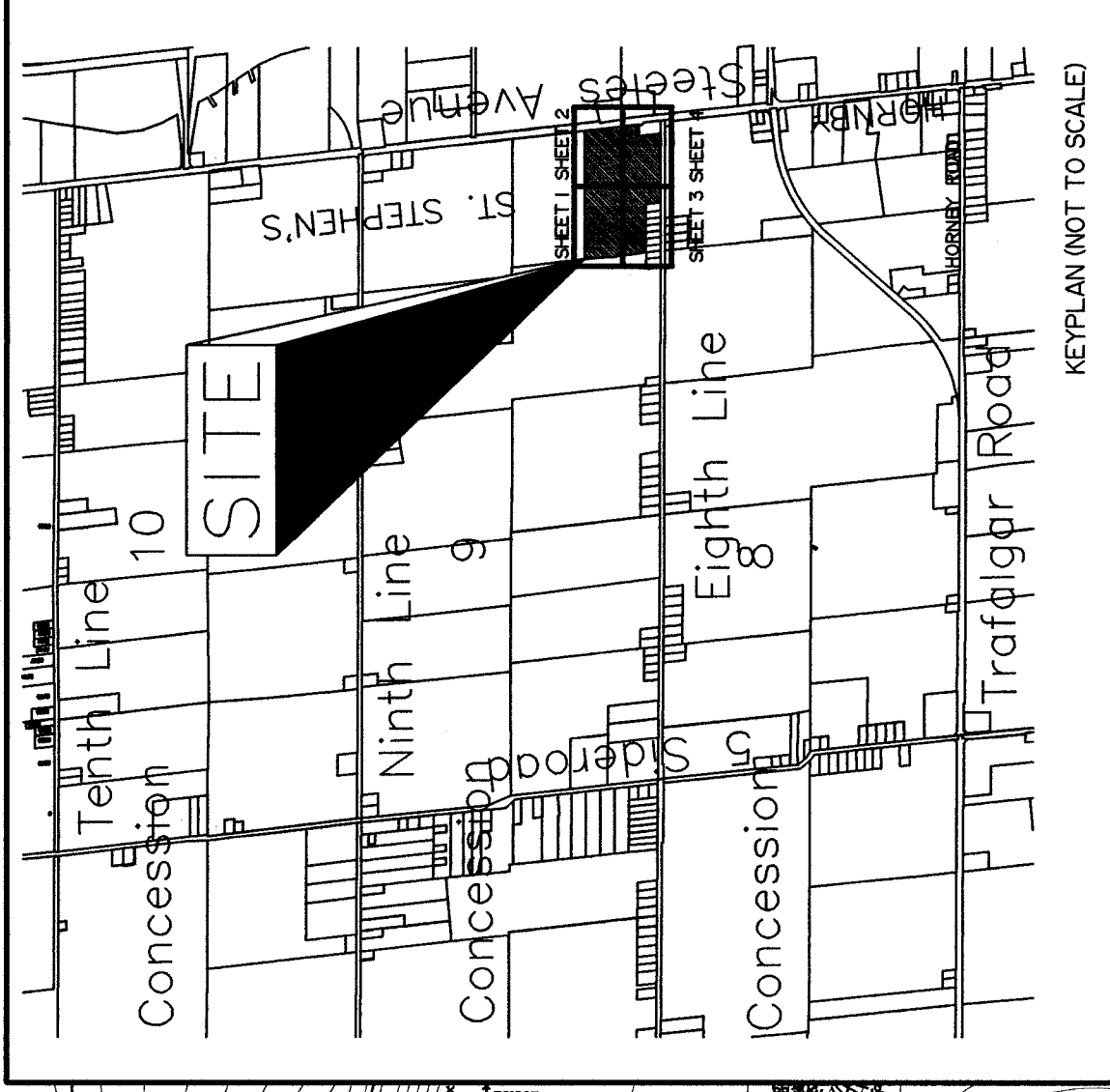
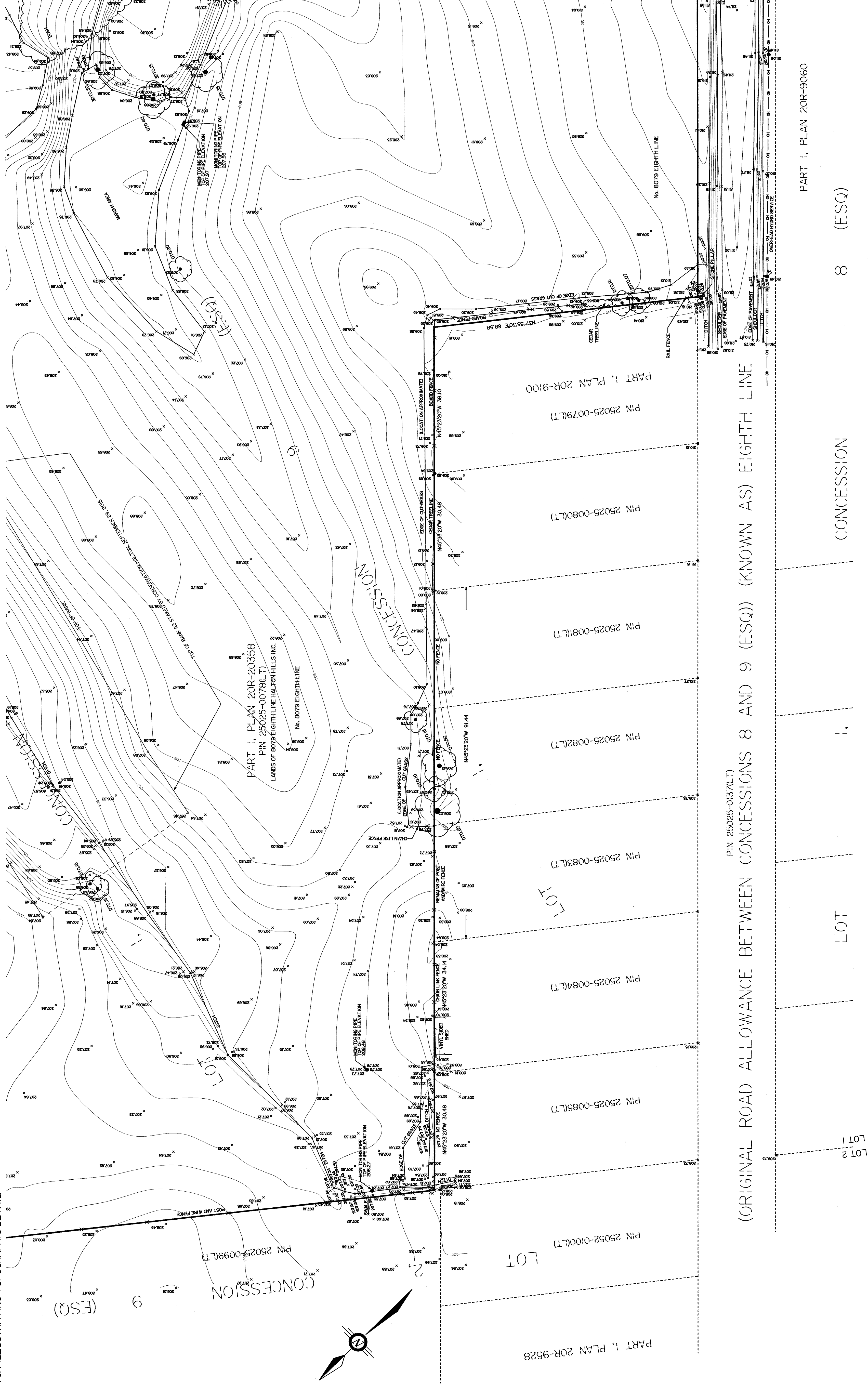
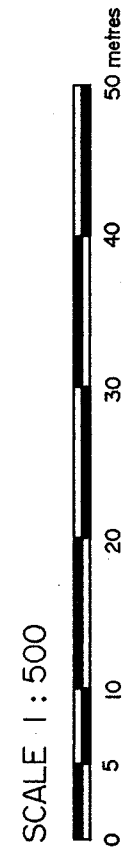
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603-2GRID  
Sheet 2 OF 4



### SKETCH ILLUSTRATING TOPOGRAPHIC DETAIL



KEYPLAN (NOT TO SCALE)

**SHEET 3 OF 4**

**HODERO HOLDINGS LTD. - 8079 EIGHTH LINE**

VERSION NOTES:						
#	DATE	COMMENTS	FILE NO.	NO.		
1	JUNE 7, 2009	ORIGINAL - EXISTING TOPOGRAPHIC DETAIL		163-38910		

## SURVEYOR'S CERTIFICATE

I CERTIFY THAT:  
I, THE FIELD WORK ON THIS SKETCH WAS COMPLETED ON THE  
21st DAY OF MAY, 2019.

G

DATE: JUNE 7, 2019

DATE \_\_\_\_\_

DAN C. DALLIVER  
Ontario Land Surveyor

**NOTE:**

THIS SKETCH REFLECTS CONDITIONS AT THE TIME OF THE SURVEY. UPDATING MAY BE REQUIRED IN ORDER TO ISSUE ADDITIONAL COPIES SUBSEQUENT

THIS SKETCH IS AN ORIGINAL IF EMBOSSED BY THE SURVEYOR'S TO DATE OF THIS PLAN.

**CAUTION:**  
THIS PRODUCT IS NOT CERTIFIED IN AN ELECTRONIC VERSION.

g) THIS IS NOT A PLAN OF SURVEY AND SHALL NOT BE USED EXCEPT FOR THE PURPOSE INDICATED IN THE TITLE BLOCK.

### LEGEND

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## NOTES

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NOTE THAT ANY AND ALL SERVICES ARE SHOWN IN APPROXIMATE POSITIONS ONLY AND ALL SERVICES

INCLUDING BUT NOT LIMITED TO NATURAL GAS, BELL CANADA, HYDRO, SANITARY AND STORM SEWERS MUST BE LOCATED BY THE RESPECTIVE UTILITY BEFORE CONSTRUCTION OR EXCAVATION.

THE DEPTH AND SIZES OF BURIED SERVICES CANNOT BE GUARANTEED AND MUST BE EVACUATED TO  
OF ANY KIND.

OTHER BURIED UTILITIES MAY EXIST WHICH ARE NOT SHOWN BECAUSE OF INSUFFICIENT INFORMATION TO DETERMINE SIZES, LOCATIONS AND DEPTHS.

SHOWN BECAUSE OF INSUFFICIENT INFORMATION

SHEET 3 OF 4  
HODERO HOLDINGS LTD.- 8079 EIGHTH LINE

DOLLIVER SURVEYING INC.

ONTARIO LAND SURVEYOR  
54 MILL STREET EAST

34 MILL STREET EAST  
HALTON HILLS (ACTON), ONTARIO L7J 1H3



TEL (519) 853-2502

Plot Scale: 1"=1' File No. 1603-2GRID









---

## **Appendix B – Ecolog ERIS Report**



# DATABASE **REPORT**

<b>Project Property:</b>	<i>8079 Eighth Line North, Milton, ON 8079 8th line milton Milton ON L9T 7K1</i>
<b>Project No:</b>	<i>19-040-100</i>
<b>Report Type:</b>	<i>RSC Report - Quote</i>
<b>Order No:</b>	<i>20190509207</i>
<b>Requested by:</b>	<i>Ds Consultants Ltd.</i>
<b>Date Completed:</b>	<i>May 15, 2019</i>

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# Executive Summary

## **Property Information:**

**Project Property:** 8079 Eighth Line North, Milton, ON  
8079 8th line milton Milton ON L9T 7K1

**Project No:** 19-040-100

## **Order Information:**

**Order No:** 20190509207  
**Date Requested:** May 9, 2019  
**Requested by:** Ds Consultants Ltd.  
**Report Type:** RSC Report - Quote

## **Historical/Products:**

**Aerial Photographs** Aerials - National Collection - .tiff files  
**Topographic Map** Ontario Base Map (OBM)

## Executive Summary: Report Summary

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Boundary to 0.30km</b>	<b>Total</b>
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	1	1
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	1	1
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	2	2
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of TSSA Expired Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	6	6
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	1	0	1
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Boundary to 0.30km</b>	<b>Total</b>
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	TSSA Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	2	2
SPL	Ontario Spills	Y	1	1	2
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	1	23	24
<b>Total:</b>			3	36	39

## Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<a href="#"><u>1</u></a>	HINC		8079 8th LINE MILTON ON	-/0.0	0.18	<a href="#"><u>18</u></a>
<a href="#"><u>1</u></a>	SPL	Thermashell<UNOFFICIAL>	8079 8th Line Milton ON	-/0.0	0.18	<a href="#"><u>18</u></a>
<a href="#"><u>1</u></a>	WWIS		lot 1 con 9 ON  <i>Well ID:</i> 2801325	-/0.0	0.18	<a href="#"><u>19</u></a>



## Executive Summary: Site Report Summary - Surrounding Properties

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#"><u>2</u></a>	WWIS		lot 1 con 9 ON <b>Well ID:</b> 2807314	WSW/12.1	6.15	<a href="#"><u>21</u></a>
<a href="#"><u>3</u></a>	WWIS		lot 15 con 8 ON <b>Well ID:</b> 2802663	SE/14.7	-2.86	<a href="#"><u>25</u></a>
<a href="#"><u>4</u></a>	WWIS		lot 1 con 9 ON <b>Well ID:</b> 2801329	WSW/18.3	6.15	<a href="#"><u>28</u></a>
<a href="#"><u>5</u></a>	WWIS		lot 1 con 9 ON <b>Well ID:</b> 2801326	W/31.7	5.04	<a href="#"><u>30</u></a>
<a href="#"><u>6</u></a>	EHS		0 Steeles Avenue Halton Hills ON	ENE/35.3	3.48	<a href="#"><u>33</u></a>
<a href="#"><u>7</u></a>	WWIS		lot 1 con 9 ON <b>Well ID:</b> 2801327	W/46.1	6.15	<a href="#"><u>33</u></a>
<a href="#"><u>8</u></a>	WWIS		lot 2 con 9 ON <b>Well ID:</b> 2807315	WNW/47.2	5.04	<a href="#"><u>36</u></a>
<a href="#"><u>9</u></a>	WWIS		ON <b>Well ID:</b> 7166356	ESE/47.3	-0.43	<a href="#"><u>39</u></a>
<a href="#"><u>10</u></a>	WWIS		lot 1 con 9 ON <b>Well ID:</b> 2801332	W/51.4	5.12	<a href="#"><u>40</u></a>
<a href="#"><u>11</u></a>	WWIS		lot 1 con 9 ON <b>Well ID:</b> 2801331	W/53.9	6.15	<a href="#"><u>42</u></a>
<a href="#"><u>12</u></a>	WWIS		lot 15 con 8 ON <b>Well ID:</b> 2808253	SE/54.6	-1.87	<a href="#"><u>45</u></a>
<a href="#"><u>13</u></a>	WWIS		lot 1 con 9 ON	W/55.3	6.15	<a href="#"><u>48</u></a>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			<b>Well ID:</b> 2801328			
<a href="#">14</a>	GEN	FL SIGNS LTD.	1144 STEELES AVE. W. HORNBY ON L0P 1E0	SSE/80.1	-2.81	<a href="#">51</a>
<a href="#">14</a>	GEN	FL SIGNS LTD.	1144 STEELES AVE. W. HORNBY ON L0P 1E0	SSE/80.1	-2.81	<a href="#">51</a>
<a href="#">14</a>	GEN	FL SIGNS LTD. 15-184	1144 STEELES AVE. W. HORNBY ON L0P 1E0	SSE/80.1	-2.81	<a href="#">52</a>
<a href="#">14</a>	GEN	FL SIGNS LTD	1144 STEELES AVE. W. HORNBY ON L0P 1E0	SSE/80.1	-2.81	<a href="#">52</a>
<a href="#">14</a>	GEN	FL SIGNS LIMITED	1144 STEELES AVENUE WEST HORNBY ON L0P 1E0	SSE/80.1	-2.81	<a href="#">52</a>
<a href="#">14</a>	SCT	F L SIGNS LTD.	1144 STEELES AVE W HORNBY ON L0P 1E0	SSE/80.1	-2.81	<a href="#">53</a>
<a href="#">14</a>	SCT	FL Signs Ltd.	14030 Steeles Ave Hornby ON L0P 1E0	SSE/80.1	-2.81	<a href="#">53</a>
<a href="#">15</a>	WWIS		lot 1 con 8 ON <b>Well ID:</b> 2803204	W/103.6	6.15	<a href="#">53</a>
<a href="#">16</a>	CA	EQUITY WASTE MANAGEMENT OF CANADA CORP.	PT.LOT 15/CON.8,14000 STEELES HALTON HILLS TOWN ON	SSE/116.1	3.37	<a href="#">56</a>
<a href="#">17</a>	WWIS		lot 1 con 8 ON <b>Well ID:</b> 2802956	W/118.0	6.15	<a href="#">56</a>
<a href="#">18</a>	WWIS		lot 15 con 8 ON <b>Well ID:</b> 2808211	SSE/124.8	1.51	<a href="#">58</a>
<a href="#">19</a>	EHS		14030 Steeles Ave Halton Hills ON L0P1E0	SSE/153.2	-1.01	<a href="#">61</a>
<a href="#">20</a>	WWIS		lot 1 con 8 ON	WSW/154.8	6.15	<a href="#">61</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
			<b>Well ID:</b> 2804036			
<a href="#">21</a>	WWIS		HALTON HILLS ON <b>Well ID:</b> 7103513	SSE/186.9	-3.20	<a href="#">64</a>
<a href="#">22</a>	WWIS		lot 2 con 8 ON <b>Well ID:</b> 2801194	W/203.2	6.15	<a href="#">68</a>
<a href="#">23</a>	WWIS		Milton ON <b>Well ID:</b> 7274926	W/215.3	6.15	<a href="#">70</a>
<a href="#">24</a>	WWIS		lot 2 con 8 ON <b>Well ID:</b> 7254501	W/250.5	6.15	<a href="#">72</a>
<a href="#">25</a>	GEN	Restoration Hardware	13850 Steeles Avenue West, suite 606 Halton Hills ON L7G 0J1	S/251.5	4.25	<a href="#">73</a>
<a href="#">25</a>	SPL	Union Gas Limited	13850 Steeles Av Halton Hills ON	S/251.5	4.25	<a href="#">73</a>
<a href="#">26</a>	WWIS		lot 2 con 8 ON <b>Well ID:</b> 7255338	W/253.6	7.15	<a href="#">74</a>
<a href="#">27</a>	WWIS		lot 2 con 8 Milton ON <b>Well ID:</b> 7276289	W/274.6	6.95	<a href="#">74</a>
<a href="#">28</a>	WWIS		lot 15 con 8 ON <b>Well ID:</b> 2807503	S/287.3	1.15	<a href="#">77</a>
<a href="#">29</a>	WWIS		lot 15 con 8 ON <b>Well ID:</b> 2809870	SE/288.1	-3.70	<a href="#">81</a>
<a href="#">30</a>	ECA	The Regional Municipality of Halton	Lot 15, Concession 8, Trafalgar Original Township, South side of Steeles Avenue between Eighth and Ninth Line Halton Hills ON L6M 3L1	SE/290.7	-3.16	<a href="#">82</a>

## Executive Summary: Summary By Data Source

### **CA - Certificates of Approval**

A search of the CA database, dated 1985-Oct 30, 2011\* has found that there are 1 CA site(s) within approximately 0.30 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
EQUITY WASTE MANAGEMENT OF CANADA CORP.	PT.LOT 15/CON.8,14000 STEELES HALTON HILLS TOWN ON	116.1	<a href="#"><u>16</u></a>

### **ECA - Environmental Compliance Approval**

A search of the ECA database, dated Oct 2011-Mar 31, 2019 has found that there are 1 ECA site(s) within approximately 0.30 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
The Regional Municipality of Halton	Lot 15, Concession 8, Trafalgar Original Township, South side of Steeles Avenue between Eighth and Ninth Line Halton Hills ON L6M 3L1	290.7	<a href="#"><u>30</u></a>

### **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Jan 31, 2019 has found that there are 2 EHS site(s) within approximately 0.30 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	0 Steeles Avenue Halton Hills ON	35.3	<a href="#"><u>6</u></a>
	14030 Steeles Ave Halton Hills ON L0P1E0	153.2	<a href="#"><u>19</u></a>

### **GEN - Ontario Regulation 347 Waste Generators Summary**

A search of the GEN database, dated 1986-Dec 31, 2018 has found that there are 6 GEN site(s) within approximately 0.30 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
FL SIGNS LTD	1144 STEELES AVE. W. HORNBY ON L0P 1E0	80.1	<a href="#"><u>14</u></a>
FL SIGNS LIMITED	1144 STEELES AVENUE WEST HORNBY ON L0P 1E0	80.1	<a href="#"><u>14</u></a>
FL SIGNS LTD. 15-184	1144 STEELES AVE. W. HORNBY ON L0P 1E0	80.1	<a href="#"><u>14</u></a>
FL SIGNS LTD.	1144 STEELES AVE. W. HORNBY ON L0P 1E0	80.1	<a href="#"><u>14</u></a>
FL SIGNS LTD.	1144 STEELES AVE. W. HORNBY ON L0P 1E0	80.1	<a href="#"><u>14</u></a>
Restoration Hardware	13850 Steeles Avenue West, suite 606 Halton Hills ON L7G 0J1	251.5	<a href="#"><u>25</u></a>

### **HINC - TSSA Historic Incidents**

A search of the HINC database, dated 2006-June 2009\* has found that there are 1 HINC site(s) within approximately 0.30 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	8079 8th LINE MILTON ON	0.0	<a href="#"><u>1</u></a>

### **SCT - Scott's Manufacturing Directory**

A search of the SCT database, dated 1992-Mar 2011\* has found that there are 2 SCT site(s) within approximately 0.30 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
F L SIGNS LTD.	1144 STEELES AVE W HORNBY ON L0P 1E0	80.1	<a href="#"><u>14</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
FL Signs Ltd.	14030 Steeles Ave Hornby ON L0P 1E0	80.1	<a href="#"><u>14</u></a>

## **SPL - Ontario Spills**

A search of the SPL database, dated 1988-Feb 2019 has found that there are 2 SPL site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Thermashell<UNOFFICIAL>	8079 8th Line Milton ON	0.0	<a href="#"><u>1</u></a>
Union Gas Limited	13850 Steeles Av Halton Hills ON	251.5	<a href="#"><u>25</u></a>

## **WWIS - Water Well Information System**

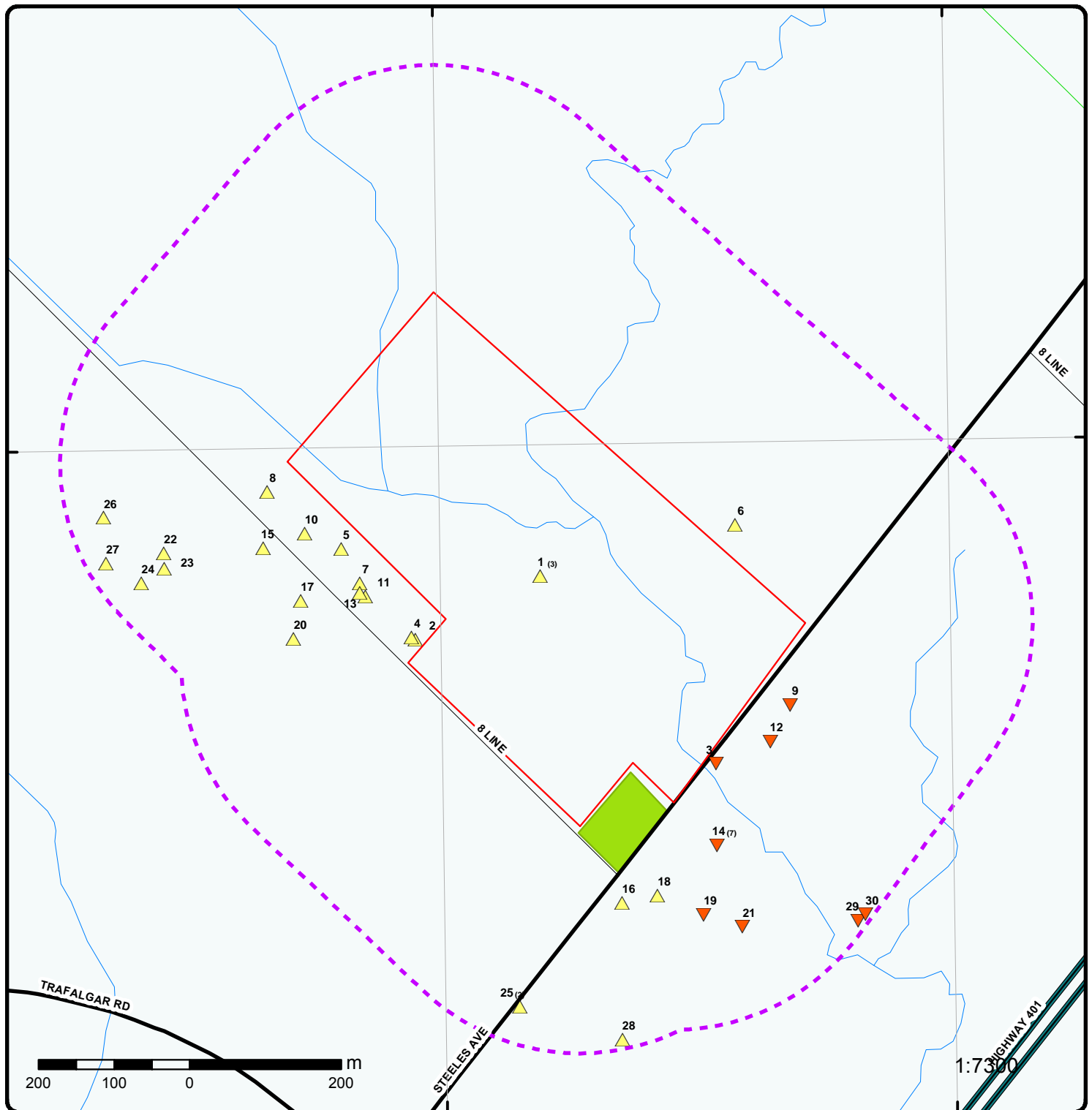
A search of the WWIS database, dated Dec 31, 2017 has found that there are 24 WWIS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 1 con 9 ON  <i>Well ID: 2801325</i>	0.0	<a href="#"><u>1</u></a>
	lot 1 con 9 ON  <i>Well ID: 2807314</i>	12.1	<a href="#"><u>2</u></a>
	lot 15 con 8 ON  <i>Well ID: 2802663</i>	14.7	<a href="#"><u>3</u></a>
	lot 1 con 9 ON  <i>Well ID: 2801329</i>	18.3	<a href="#"><u>4</u></a>
	lot 1 con 9 ON  <i>Well ID: 2801326</i>	31.7	<a href="#"><u>5</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 1 con 9 ON  <i>Well ID:</i> 2801327	46.1	<a href="#"><u>7</u></a>
	lot 2 con 9 ON  <i>Well ID:</i> 2807315	47.2	<a href="#"><u>8</u></a>
	ON  <i>Well ID:</i> 7166356	47.3	<a href="#"><u>9</u></a>
	lot 1 con 9 ON  <i>Well ID:</i> 2801332	51.4	<a href="#"><u>10</u></a>
	lot 1 con 9 ON  <i>Well ID:</i> 2801331	53.9	<a href="#"><u>11</u></a>
	lot 15 con 8 ON  <i>Well ID:</i> 2808253	54.6	<a href="#"><u>12</u></a>
	lot 1 con 9 ON  <i>Well ID:</i> 2801328	55.3	<a href="#"><u>13</u></a>
	lot 1 con 8 ON  <i>Well ID:</i> 2803204	103.6	<a href="#"><u>15</u></a>
	lot 1 con 8 ON  <i>Well ID:</i> 2802956	118.0	<a href="#"><u>17</u></a>
	lot 15 con 8 ON  <i>Well ID:</i> 2808211	124.8	<a href="#"><u>18</u></a>
	lot 1 con 8 ON  <i>Well ID:</i> 2804036	154.8	<a href="#"><u>20</u></a>
	HALTON HILLS ON	186.9	<a href="#"><u>21</u></a>



<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID: 7103513</i>		
	lot 2 con 8 ON	203.2	<a href="#"><u>22</u></a>
	<i>Well ID: 2801194</i>		
	Milton ON	215.3	<a href="#"><u>23</u></a>
	<i>Well ID: 7274926</i>		
	lot 2 con 8 ON	250.5	<a href="#"><u>24</u></a>
	<i>Well ID: 7254501</i>		
	lot 2 con 8 ON	253.6	<a href="#"><u>26</u></a>
	<i>Well ID: 7255338</i>		
	lot 2 con 8 Milton ON	274.6	<a href="#"><u>27</u></a>
	<i>Well ID: 7276289</i>		
	lot 15 con 8 ON	287.3	<a href="#"><u>28</u></a>
	<i>Well ID: 2807503</i>		
	lot 15 con 8 ON	288.1	<a href="#"><u>29</u></a>
	<i>Well ID: 2809870</i>		



## Map : 0.3 Kilometer Radius

Order No: 20190509207

Address: 8079 8th line milton, Milton, ON, L9T 7K1



Project Property	Expressway	Industrial and Resource - Regions	National Park
Buffer Outline	Principal Highway	Main Line	Provincial or Territorial Park
Eris Sites with Higher Elevation	Secondary Highway	Sidetrack	Other Park
Eris Sites with Same Elevation	Major Road	Transit Line	Golf Course or Driving Range
Eris Sites with Lower Elevation	Local road	Abandoned Line	Park or Sports Field
Eris Sites with Unknown Elevation	Trail		Other Recreation Area
	Proposed Road		
	Ferry Route/Ice Road		



**Aerial (2017)**

**Address: 8079 8th line milton, Milton, ON, L9T 7K1**

**Source:** ESRI World Imagery

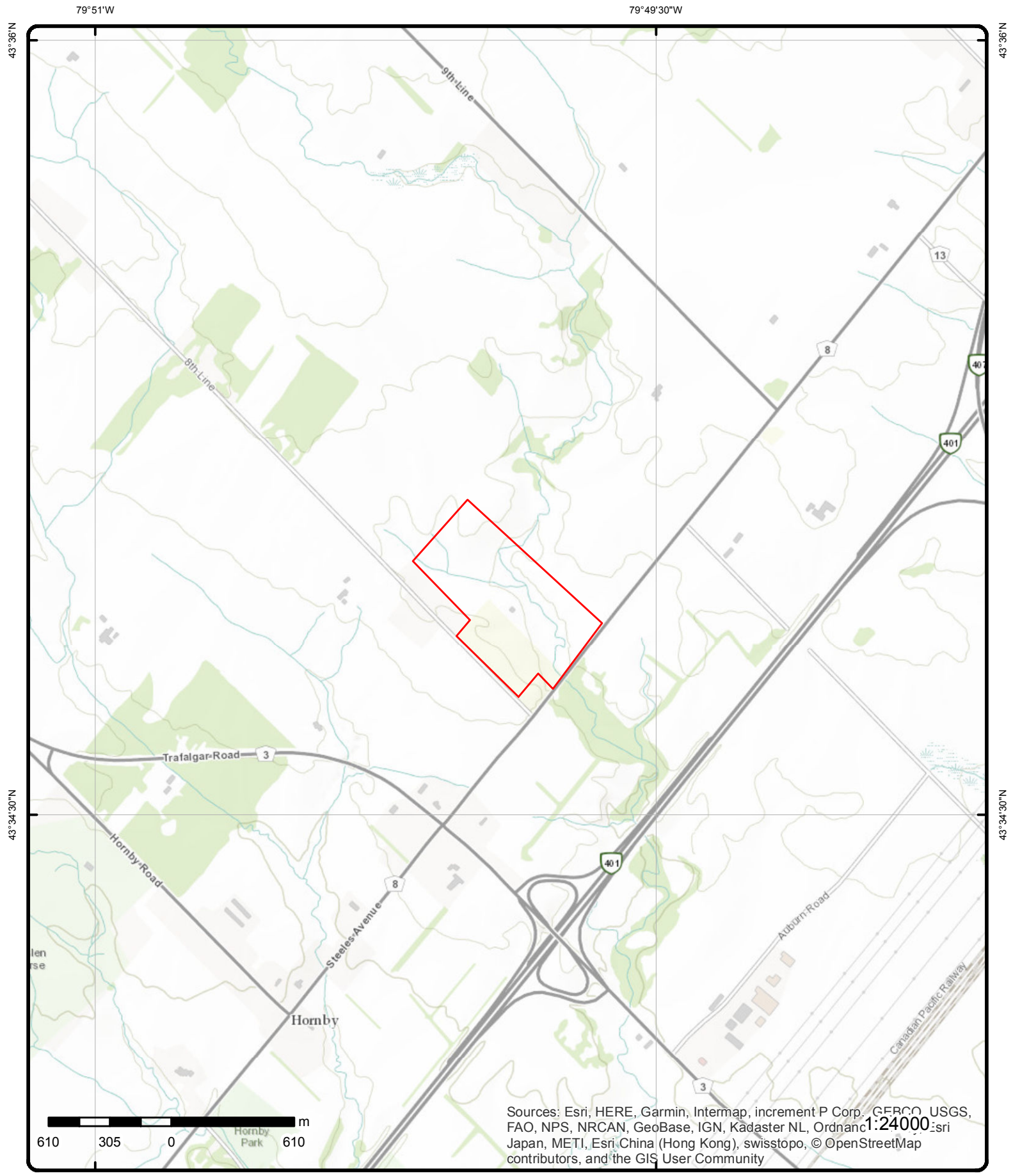
Order No: 20190509207

**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES



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# Topographic Map

**Address: 8079 8th line milton, Milton, ON, L9T 7K1**

**Source:** ESRI World Topographic Map

Order No: 20190509207



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# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">1</a>	1 of 3	-/0.0	203.9 / 0.18	8079 8th LINE MILTON ON	HINC
<b>External File Num:</b> FS INC 0801-00105 <b>Fuel Occurrence Type:</b> <b>Date of Occurrence:</b> <b>Fuel Type Involved:</b> <b>Status Desc:</b> Completed - No Action Required <b>Job Type Desc:</b> Incident/Near-Miss Occurrence (FS) <b>Oper. Type Involved:</b> <b>Service Interruptions:</b> <b>Property Damage:</b> <b>Fuel Life Cycle Stage:</b> <b>Root Cause:</b> <b>Reported Details:</b> Spill is reported as 2 L. Non-mandated. <b>Fuel Category:</b> Liquid Fuel <b>Occurrence Type:</b> Incident <b>Affiliation:</b> Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) <b>County Name:</b> Halton <b>Approx. Quant. Rel:</b> <b>Nearby body of water:</b> <b>Enter Drainage Syst.:</b> <b>Approx. Quant. Unit:</b> <b>Environmental Impact:</b>					
<a href="#">1</a>	2 of 3	-/0.0	203.9 / 0.18	Thermashell<UNOFFICIAL> 8079 8th Line Milton ON	SPL
<b>Ref No:</b> 4225-7AJSA <b>Site No:</b> <b>Incident Dt:</b> <b>Year:</b> <b>Incident Cause:</b> Other Discharges <b>Incident Event:</b> <b>Contaminant Code:</b> 13 <b>Contaminant Name:</b> FURNACE OIL <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> Possible <b>Nature of Impact:</b> Surface Water Pollution <b>Receiving Medium:</b> <b>Receiving Env:</b> <b>MOE Response:</b> No Field Response <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 1/4/2008 <b>Dt Document Closed:</b> 2/27/2008 <b>Incident Reason:</b> Spill <b>Site Name:</b> Section 21(1)(f) <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> Thermashell - 2 L furnace oil to basement and drain					
<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> Other <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> <b>Site District Office:</b> Halton-Peel <b>Site Postal Code:</b> <b>Site Region:</b> <b>Site Municipality:</b> Milton <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> <b>Easting:</b> <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> Watercourse Spills <b>Source Type:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant Qty:		2 L			
<a href="#">1</a>	3 of 3	-/0.0	203.9 / 0.18	lot 1 con 9 ON	WWIS
Well ID: 2801325		Data Entry Status:			
Construction Date:		Data Src: 1			
Primary Water Use: Livestock		Date Received: 11/18/1958			
Sec. Water Use: Domestic		Selected Flag: Yes			
Final Well Status: Water Supply		Abandonment Rec:			
Water Type:		Contractor: 1634			
Casing Material:		Form Version: 1			
Audit No:		Owner:			
Tag:		Street Name:			
Construction		County: HALTON			
Method:		Municipality: HALTON HILLS TOWN (ESQUESING)			
Elevation (m):		Site Info:			
Elevation Reliability:		Lot: 001			
Depth to Bedrock:		Concession: 09			
Well Depth:		Concession Name: CON			
Overburden/Bedrock:		Easting NAD83:			
Pump Rate:		Northing NAD83:			
Static Water Level:		Zone:			
Flowing (Y/N):		UTM Reliability:			
Flow Rate:					
Clear/Cloudy:					
<b><u>Bore Hole Information</u></b>					
Bore Hole ID: 10147879		Elevation: 206.65			
DP2BR: 48		Elevrc:			
Spatial Status:		Zone: 17			
Code OB: r		East83: 594320.5			
Code OB Desc: Bedrock		North83: 4826086			
Open Hole:		Org CS:			
Cluster Kind:		UTMRC: 9			
Date Completed: 20-JUN-58		UTMRC Desc: unknown UTM			
Remarks:		Location Method: p9			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<b><u>Overburden and Bedrock Materials Interval</u></b>					
Formation ID: 931425026					
Layer: 3					
Color: 7					
General Color: RED					
Mat1: 17					
Most Common Material: SHALE					
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth: 48					
Formation End Depth: 65					
Formation End Depth UOM: ft					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Overburden and Bedrock Materials Interval</u></b>					
Formation ID:		931425025			
Layer:		2			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:					
Other Materials:					
Formation Top Depth:		26			
Formation End Depth:		48			
Formation End Depth UOM:		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
Formation ID:		931425024			
Layer:		1			
Color:					
General Color:					
Mat1:		23			
Most Common Material:		PREVIOUSLY DUG			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		26			
Formation End Depth UOM:		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
Method Construction ID:		962801325			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<b><u>Pipe Information</u></b>					
Pipe ID:		10696449			
Casing No:		1			
Comment:					
Alt Name:					
<b><u>Construction Record - Casing</u></b>					
Casing ID:		930251620			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		65			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Construction Record - Casing</u></b>					
Casing ID:		930251618			
Layer:		1			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:		26			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<b><u>Construction Record - Casing</u></b>					
Casing ID:		930251619			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		48			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<b><u>Results of Well Yield Testing</u></b>					
Pump Test ID:		992801325			
Pump Set At:					
Static Level:		18			
Final Level After Pumping:		60			
Recommended Pump Depth:					
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		N			
<b><u>Water Details</u></b>					
Water ID:		933603078			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		63			
Water Found Depth UOM:		ft			
<hr/>					
<a href="#">2</a>	1 of 1	WSW/12.1	209.9 / 6.15	lot 1 con 9 ON	WWIS
Well ID:	2807314			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	7/26/1989
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4868
Casing Material:				Form Version:	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Audit No:	41634			Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	001
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

#### Bore Hole Information

Bore Hole ID:	10153575	Elevation:	210.53
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:	o	East83:	594156
Code OB Desc:	Overburden	North83:	4826002
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	3
Date Completed:	19-JUL-89	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	gps
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

#### Overburden and Bedrock Materials Interval

Formation ID:	931446772
Layer:	4
Color:	2
General Color:	GREY
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	77
Other Materials:	LOOSE
Mat3:	
Other Materials:	
Formation Top Depth:	19
Formation End Depth:	25
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931446771
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	13

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation End Depth:</b>		19			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		931446770			
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		12			
<b>Other Materials:</b>		STONES			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		1			
<b>Formation End Depth:</b>		13			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		931446773			
<b>Layer:</b>		5			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		12			
<b>Other Materials:</b>		STONES			
<b>Mat3:</b>		13			
<b>Other Materials:</b>		BOULDERS			
<b>Formation Top Depth:</b>		25			
<b>Formation End Depth:</b>		27			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		931446769			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>		77			
<b>Other Materials:</b>		LOOSE			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		1			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		962807314			
<b>Method Construction Code:</b>		6			
<b>Method Construction:</b>		Boring			
<b>Other Method Construction:</b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10702145			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930261211			
<b>Layer:</b>		3			
<b>Material:</b>					
<b>Open Hole or Material:</b>					
<b>Depth From:</b>		25			
<b>Depth To:</b>		27			
<b>Casing Diameter:</b>					
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930261209			
<b>Layer:</b>		1			
<b>Material:</b>		3			
<b>Open Hole or Material:</b>		CONCRETE			
<b>Depth From:</b>		0			
<b>Depth To:</b>		9			
<b>Casing Diameter:</b>		30			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930261210			
<b>Layer:</b>		2			
<b>Material:</b>		2			
<b>Open Hole or Material:</b>		GALVANIZED			
<b>Depth From:</b>		9			
<b>Depth To:</b>		25			
<b>Casing Diameter:</b>		30			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		992807314			
<b>Pump Set At:</b>					
<b>Static Level:</b>		17			
<b>Final Level After Pumping:</b>		20			
<b>Recommended Pump Depth:</b>		23			
<b>Pumping Rate:</b>		3			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		3			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		2			
<b>Water State After Test:</b>		CLOUDY			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		N			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down &amp; Recovery</u>					
Pump Test Detail ID:		934711151			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		19			
Test Level UOM:		ft			
<u>Draw Down &amp; Recovery</u>					
Pump Test Detail ID:		934963779			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		19			
Test Level UOM:		ft			
<u>Draw Down &amp; Recovery</u>					
Pump Test Detail ID:		934178439			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		20			
Test Level UOM:		ft			
<u>Draw Down &amp; Recovery</u>					
Pump Test Detail ID:		934452423			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		20			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933610811			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		19			
Water Found Depth UOM:		ft			
<u>3</u>	1 of 1	SE/14.7	200.8 / -2.86	lot 15 con 8 ON	WWIS
Well ID:	2802663			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	11/21/1961
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1612
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (TRAFALGAR)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	015
Well Depth:				Concession:	08
Overburden/Bedrock:				Concession Name:	NS
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flow Rate: Clear/Cloudy:			UTM Reliability:		
<b><u>Bore Hole Information</u></b>					
Bore Hole ID:	10149212		Elevation:	203.06	
DP2BR:	78		Elevrc:		
Spatial Status:			Zone:	17	
Code OB:	r		East83:	594552.6	
Code OB Desc:	Bedrock		North83:	4825838	
Open Hole:			Org CS:		
Cluster Kind:			UTMRC:	5	
Date Completed:	16-SEP-61		UTMRC Desc:	margin of error : 100 m - 300 m	
Remarks:			Location Method:	p5	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
Formation ID:	931429252				
Layer:	3				
Color:	7				
General Color:	RED				
Mat1:	17				
Most Common Material:	SHALE				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	78				
Formation End Depth:	100				
Formation End Depth UOM:	ft				
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
Formation ID:	931429250				
Layer:	1				
Color:					
General Color:					
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	2				
Formation End Depth UOM:	ft				
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
Formation ID:	931429251				
Layer:	2				
Color:	3				
General Color:	BLUE				

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		2			
<b>Formation End Depth:</b>		78			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		962802663			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10697782			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930253880			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		78			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930253881			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		100			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		992802663			
<b>Pump Set At:</b>					
<b>Static Level:</b>		24			
<b>Final Level After Pumping:</b>		50			
<b>Recommended Pump Depth:</b>		50			
<b>Pumping Rate:</b>		4			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		2			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		N			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933604777			
<b>Layer:</b>		1			
<b>Kind Code:</b>		2			
<b>Kind:</b>		SALTY			
<b>Water Found Depth:</b>		97			
<b>Water Found Depth UOM:</b>		ft			
<a href="#">4</a>	1 of 1	WSW/18.3	209.9 / 6.15	lot 1 con 9 ON	WWIS
<b>Well ID:</b>		2801329		<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>		Domestic		<b>Date Received:</b>	9/2/1965
<b>Sec. Water Use:</b>		0		<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>		Water Supply		<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	1307
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	HALTON
<b>Elevation (m):</b>				<b>Municipality:</b>	HALTON HILLS TOWN (ESQUESING)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	001
<b>Well Depth:</b>				<b>Concession:</b>	09
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	CON
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>		10147883		<b>Elevation:</b>	210.53
<b>DP2BR:</b>				<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	17
<b>Code OB:</b>		o		<b>East83:</b>	594150.5
<b>Code OB Desc:</b>		Overburden		<b>North83:</b>	4826005
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b>	5
<b>Date Completed:</b>		24-AUG-65		<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>				<b>Location Method:</b>	p5
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		931425039			
<b>Layer:</b>		1			



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>		05			
<b>Other Materials:</b>		CLAY			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		31			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		931425040			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		09			
<b>Most Common Material:</b>		MEDIUM SAND			
<b>Mat2:</b>		11			
<b>Other Materials:</b>		GRAVEL			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		31			
<b>Formation End Depth:</b>		33			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		962801329			
<b>Method Construction Code:</b>		6			
<b>Method Construction:</b>		Boring			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10696453			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930251626			
<b>Layer:</b>		1			
<b>Material:</b>		3			
<b>Open Hole or Material:</b>		CONCRETE			
<b>Depth From:</b>					
<b>Depth To:</b>		33			
<b>Casing Diameter:</b>		30			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		992801329			
<b>Pump Set At:</b>					
<b>Static Level:</b>		15			
<b>Final Level After Pumping:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Recommended Pump Depth:	30				
Pumping Rate:	1				
Flowing Rate:					
Recommended Pump Rate:	1				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:	N				
 <u>Water Details</u>					
Water ID:	933603082				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	33				
Water Found Depth UOM:	ft				

<u>5</u>	1 of 1	W/31.7	208.7 / 5.04	lot 1 con 9 ON	WWIS
<hr/>					
Well ID:	2801326			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	1/5/1961
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1715
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	001
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

#### Bore Hole Information

Bore Hole ID:	10147880	Elevation:	208.97
DP2BR:	30	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	594057.5
Code OB Desc:	Bedrock	North83:	4826122
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	16-DEC-60	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Overburden and Bedrock Materials Interval</u></b>					
Formation ID:		931425027			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		6			
Formation End Depth UOM:		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
Formation ID:		931425029			
Layer:		3			
Color:					
General Color:					
Mat1:		08			
Most Common Material:		FINE SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:					
Other Materials:					
Formation Top Depth:		15			
Formation End Depth:		30			
Formation End Depth UOM:		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
Formation ID:		931425028			
Layer:		2			
Color:					
General Color:					
Mat1:		08			
Most Common Material:		FINE SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		6			
Formation End Depth:		15			
Formation End Depth UOM:		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
Formation ID:		931425030			
Layer:		4			
Color:		7			
General Color:		RED			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		30			
<b>Formation End Depth:</b>		51			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		962801326			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10696450			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930251621			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		32			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930251622			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		51			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		992801326			
<b>Pump Set At:</b>					
<b>Static Level:</b>		10			
<b>Final Level After Pumping:</b>		47			
<b>Recommended Pump Depth:</b>		25			
<b>Pumping Rate:</b>		3			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		2			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		2			
<b>Water State After Test:</b>		CLOUDY			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Pumping Duration MIN:</b>		30			
<b>Flowing:</b>		N			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933603079			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		47			
<b>Water Found Depth UOM:</b>		ft			
<b><u>6</u></b>	1 of 1	<b>ENE/35.3</b>	<b>207.2 / 3.48</b>	<b>0 Steeles Avenue Halton Hills ON</b>	<b>EHS</b>
<b>Order No:</b>		20170214039		<b>Nearest Intersection:</b>	
<b>Status:</b>		C		<b>Municipality:</b>	
<b>Report Type:</b>		Custom Report		<b>Client Prov/State:</b>	ON
<b>Report Date:</b>		17-FEB-17		<b>Search Radius (km):</b>	.25
<b>Date Received:</b>		14-FEB-17		<b>X:</b>	-79.82854
<b>Previous Site Name:</b>				<b>Y:</b>	43.582354
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<b><u>7</u></b>	1 of 1	<b>W/46.1</b>	<b>209.9 / 6.15</b>	<b>lot 1 con 9 ON</b>	<b>WWIS</b>
<b>Well ID:</b>		2801327		<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>		Domestic		<b>Date Received:</b>	1/5/1961
<b>Sec. Water Use:</b>		0		<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>		Water Supply		<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	1715
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	HALTON
<b>Elevation (m):</b>				<b>Municipality:</b>	HALTON HILLS TOWN (ESQUESING)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	001
<b>Well Depth:</b>				<b>Concession:</b>	09
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	CON
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>		10147881		<b>Elevation:</b>	209.97
<b>DP2BR:</b>		36		<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	17
<b>Code OB:</b>		r		<b>East83:</b>	594082.5
<b>Code OB Desc:</b>		Bedrock		<b>North83:</b>	4826077
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b>	9
<b>Date Completed:</b>		17-DEC-60		<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>				<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Improvement Location Method:</b> <b>Source Revision Comment:</b> <b>Supplier Comment:</b>					
<u><b>Overburden and Bedrock</b></u> <u><b>Materials Interval</b></u>					
Formation ID:			931425034		
Layer:			4		
Color:			7		
General Color:			RED		
Mat1:			17		
Most Common Material:			SHALE		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			36		
Formation End Depth:			62		
Formation End Depth UOM:			ft		
<u><b>Overburden and Bedrock</b></u> <u><b>Materials Interval</b></u>					
Formation ID:			931425032		
Layer:			2		
Color:					
General Color:					
Mat1:			08		
Most Common Material:			FINE SAND		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			6		
Formation End Depth:			16		
Formation End Depth UOM:			ft		
<u><b>Overburden and Bedrock</b></u> <u><b>Materials Interval</b></u>					
Formation ID:			931425031		
Layer:			1		
Color:					
General Color:					
Mat1:			05		
Most Common Material:			CLAY		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			0		
Formation End Depth:			6		
Formation End Depth UOM:			ft		
<u><b>Overburden and Bedrock</b></u> <u><b>Materials Interval</b></u>					
Formation ID:			931425033		
Layer:			3		
Color:					
General Color:					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat1:</b>		09			
<b>Most Common Material:</b>		MEDIUM SAND			
<b>Mat2:</b>		11			
<b>Other Materials:</b>		GRAVEL			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		16			
<b>Formation End Depth:</b>		36			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		962801327			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10696451			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930251623			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		37			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930251624			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		62			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		992801327			
<b>Pump Set At:</b>					
<b>Static Level:</b>		11			
<b>Final Level After Pumping:</b>		61			
<b>Recommended Pump Depth:</b>		58			
<b>Pumping Rate:</b>		0			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		0			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		N			
<b>Water Details</b>					
Water ID:		933603080			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		53			
Water Found Depth UOM:		ft			
<u>8</u>	1 of 1	WNW/47.2	208.7 / 5.04	lot 2 con 9 ON	WWIS
Well ID:		2807315		Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:		Domestic		Date Received:	7/26/1989
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor:	4868
Casing Material:				Form Version:	1
Audit No:		41631		Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	002
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<b>Bore Hole Information</b>					
Bore Hole ID:		10153576		Elevation:	209.63
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:		o		East83:	593960
Code OB Desc:		Overburden		North83:	4826197
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	3
Date Completed:		10-JUL-89		UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	gps
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<b>Overburden and Bedrock</b>					
<b>Materials Interval</b>					
Formation ID:		931446775			
Layer:		2			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		08			
Other Materials:		FINE SAND			
Formation Top Depth:		1			
Formation End Depth:		8			
Formation End Depth UOM:		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
Formation ID:		931446777			
Layer:		4			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		20			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
Formation ID:		931446774			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		77			
Other Materials:		LOOSE			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
Formation ID:		931446776			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		05			
Other Materials:		CLAY			
Mat3:		12			
Other Materials:		STONES			
Formation Top Depth:		8			
Formation End Depth:		20			
Formation End Depth UOM:		ft			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		933139696			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		10			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		962807315			
<b>Method Construction Code:</b>		6			
<b>Method Construction:</b>		Boring			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10702146			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930261212			
<b>Layer:</b>		1			
<b>Material:</b>		3			
<b>Open Hole or Material:</b>		CONCRETE			
<b>Depth From:</b>					
<b>Depth To:</b>		5			
<b>Casing Diameter:</b>		30			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930261213			
<b>Layer:</b>		2			
<b>Material:</b>		2			
<b>Open Hole or Material:</b>		GALVANIZED			
<b>Depth From:</b>					
<b>Depth To:</b>		25			
<b>Casing Diameter:</b>		30			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930261214			
<b>Layer:</b>		3			
<b>Material:</b>					
<b>Open Hole or Material:</b>					
<b>Depth From:</b>					
<b>Depth To:</b>		25			
<b>Casing Diameter:</b>					
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Results of Well Yield Testing</u></b>					
Pump Test ID:		992807315			
Pump Set At:					
Static Level:		5			
Final Level After Pumping:		10			
Recommended Pump Depth:		15			
Pumping Rate:		12			
Flowing Rate:					
Recommended Pump Rate:		3			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:					
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
<b><u>Draw Down &amp; Recovery</u></b>					
Pump Test Detail ID:		934452424			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		10			
Test Level UOM:		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
Pump Test Detail ID:		934178440			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		8			
Test Level UOM:		ft			
<b><u>Water Details</u></b>					
Water ID:		933610812			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		8			
Water Found Depth UOM:		ft			
<b><u>Water Details</u></b>					
Water ID:		933610813			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		20			
Water Found Depth UOM:		ft			
<u>9</u>	1 of 1	ESE/47.3	203.3 / -0.43	ON	WWIS
Well ID:	7166356			Data Entry Status:	Yes
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	8/3/2011
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor:	7383

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
<b>Casing Material:</b>				<b>Form Version:</b>	5
<b>Audit No:</b>	M07852			<b>Owner:</b>	
<b>Tag:</b>	A099201			<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	HALTON
<b>Elevation (m):</b>				<b>Municipality:</b>	HALTON HILLS TOWN (TRAFALGAR)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
 <b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>	1003542255			<b>Elevation:</b>	206.63
<b>DP2BR:</b>				<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	17
<b>Code OB:</b>				<b>East83:</b>	594650
<b>Code OB Desc:</b>				<b>North83:</b>	4825916
<b>Open Hole:</b>				<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>				<b>UTMRC:</b>	3
<b>Date Completed:</b>	06-JUL-11			<b>UTMRC Desc:</b>	margin of error : 10 - 30 m
<b>Remarks:</b>				<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<hr/>					
<a href="#"><u>10</u></a>	1 of 1	W/51.4	208.8 / 5.12	lot 1 con 9 ON	WWIS
<b>Well ID:</b>	2801332			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	10/3/1967
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	1307
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	HALTON
<b>Elevation (m):</b>				<b>Municipality:</b>	HALTON HILLS TOWN (ESQUESING)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	001
<b>Well Depth:</b>				<b>Concession:</b>	09
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	CON
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
 <b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>	10147886			<b>Elevation:</b>	209.1
<b>DP2BR:</b>				<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	17
<b>Code OB:</b>	o			<b>East83:</b>	594009.5

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB Desc:	Overburden			North83:	4826142
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	13-SEP-67			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
Formation ID:		931425048			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		10			
Formation End Depth:		24			
Formation End Depth UOM:		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
Formation ID:		931425047			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		05			
Other Materials:		CLAY			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		10			
Formation End Depth UOM:		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
Formation ID:		931425049			
Layer:		3			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		24			
Formation End Depth:		25			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Method of Construction &amp; Well Use</u></b>					
Method Construction ID:	962801332				
Method Construction Code:	6				
Method Construction:	Boring				
Other Method Construction:					
<b><u>Pipe Information</u></b>					
Pipe ID:	10696456				
Casing No:	1				
Comment:					
Alt Name:					
<b><u>Construction Record - Casing</u></b>					
Casing ID:	930251629				
Layer:	1				
Material:	3				
Open Hole or Material:	CONCRETE				
Depth From:					
Depth To:	25				
Casing Diameter:	30				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<b><u>Results of Well Yield Testing</u></b>					
Pump Test ID:	992801332				
Pump Set At:					
Static Level:	6				
Final Level After Pumping:					
Recommended Pump Depth:	23				
Pumping Rate:	4				
Flowing Rate:					
Recommended Pump Rate:	4				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:	N				
<b><u>Water Details</u></b>					
Water ID:	933603085				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	25				
Water Found Depth UOM:	ft				
<a href="#">11</a>	1 of 1	W/53.9	209.9 / 6.15	lot 1 con 9 ON	WWIS
Well ID:	2801331			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	5/2/1966

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Sec. Water Use:</b> <b>Final Well Status:</b> <b>Water Type:</b> <b>Casing Material:</b> <b>Audit No:</b> <b>Tag:</b> <b>Construction Method:</b> <b>Elevation (m):</b> <b>Elevation Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Flow Rate:</b> <b>Clear/Cloudy:</b>	0 Water Supply			<b>Selected Flag:</b> <b>Abandonment Rec:</b> <b>Contractor:</b> <b>Form Version:</b> <b>Owner:</b> <b>Street Name:</b> <b>County:</b> <b>Municipality:</b> <b>Site Info:</b> <b>Lot:</b> <b>Concession:</b> <b>Concession Name:</b> <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>	Yes  1307 1     HALTON HALTON HILLS TOWN (ESQUESING)   001 09 CON       
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b> <b>DP2BR:</b> <b>Spatial Status:</b> <b>Code OB:</b> <b>Code OB Desc:</b> <b>Open Hole:</b> <b>Cluster Kind:</b> <b>Date Completed:</b> <b>Remarks:</b> <b>Elevrc Desc:</b> <b>Location Source Date:</b> <b>Improvement Location Source:</b> <b>Improvement Location Method:</b> <b>Source Revision Comment:</b> <b>Supplier Comment:</b>	10147885   o Overburden   26-APR-66          			<b>Elevation:</b> <b>Elevrc:</b> <b>Zone:</b> <b>East83:</b> <b>North83:</b> <b>Org CS:</b> <b>UTMRC:</b> <b>UTMRC Desc:</b> <b>Location Method:</b>	210.1   17 594089.5 4826059   5 margin of error : 100 m - 300 m p5
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b> <b>Layer:</b> <b>Color:</b> <b>General Color:</b> <b>Mat1:</b> <b>Most Common Material:</b> <b>Mat2:</b> <b>Other Materials:</b> <b>Mat3:</b> <b>Other Materials:</b> <b>Formation Top Depth:</b> <b>Formation End Depth:</b> <b>Formation End Depth UOM:</b>	931425046 3    11 GRAVEL      22 25 ft				
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b> <b>Layer:</b> <b>Color:</b> <b>General Color:</b> <b>Mat1:</b> <b>Most Common Material:</b> <b>Mat2:</b>	931425044 1 2 GREY 02 TOPSOIL 05				



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<hr/>					
<b>Other Materials:</b>		CLAY			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		12			
<b>Formation End Depth UOM:</b>		ft			
 <b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		931425045			
<b>Layer:</b>		2			
<b>Color:</b>		7			
<b>General Color:</b>		RED			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		12			
<b>Formation End Depth:</b>		22			
<b>Formation End Depth UOM:</b>		ft			
 <b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		962801331			
<b>Method Construction Code:</b>		6			
<b>Method Construction:</b>		Boring			
<b>Other Method Construction:</b>					
 <b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10696455			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
 <b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930251628			
<b>Layer:</b>		1			
<b>Material:</b>		3			
<b>Open Hole or Material:</b>		CONCRETE			
<b>Depth From:</b>					
<b>Depth To:</b>		25			
<b>Casing Diameter:</b>		30			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
 <b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		992801331			
<b>Pump Set At:</b>					
<b>Static Level:</b>		10			
<b>Final Level After Pumping:</b>					
<b>Recommended Pump Depth:</b>		23			
<b>Pumping Rate:</b>		6			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		6			
<b>Levels UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<b>Water Details</b>					
Water ID:		933603084			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		25			
Water Found Depth UOM:		ft			
<a href="#">12</a>	1 of 1	SE/54.6	201.8 / -1.87	lot 15 con 8 ON	WWIS
Well ID:		2808253		Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:		Domestic		Date Received:	8/24/1994
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor:	1660
Casing Material:				Form Version:	1
Audit No:		74886		Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (TRAFALGAR)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	015
Well Depth:				Concession:	08
Overburden/Bedrock:				Concession Name:	NS
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<b>Bore Hole Information</b>					
Bore Hole ID:		10154510		Elevation:	205.41
DP2BR:		60		Elevrc:	
Spatial Status:				Zone:	17
Code OB:		r		East83:	594624
Code OB Desc:		Bedrock		North83:	4825868
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	3
Date Completed:		20-AUG-93		UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	gps
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<b>Overburden and Bedrock</b>					
<b>Materials Interval</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Formation ID:		931450848			
Layer:		5			
Color:		7			
General Color:		RED			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		60			
Formation End Depth:		95			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931450845			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		1			
Formation End Depth:		13			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931450846			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		74			
Other Materials:		LAYERED			
Formation Top Depth:		13			
Formation End Depth:		49			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931450847			
Layer:		4			
Color:		7			
General Color:		RED			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		49			
Formation End Depth:		60			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		931450844			
<b>Layer:</b>		1			
<b>Color:</b>		8			
<b>General Color:</b>		BLACK			
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		1			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		962808253			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10703080			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930262881			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		61			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930262882			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		95			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		992808253			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Pump Set At:</b>					
Static Level:		15			
Final Level After Pumping:		43			
Recommended Pump Depth:		80			
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
<b><u>Draw Down &amp; Recovery</u></b>					
Pump Test Detail ID:		934446419			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		43			
Test Level UOM:		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
Pump Test Detail ID:		934713893			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		43			
Test Level UOM:		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
Pump Test Detail ID:		934181256			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		32			
Test Level UOM:		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
Pump Test Detail ID:		934975188			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		43			
Test Level UOM:		ft			
<b><u>Water Details</u></b>					
Water ID:		933611985			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		91			
Water Found Depth UOM:		ft			
<a href="#">13</a>	1 of 1	W/55.3	209.9 / 6.15	lot 1 con 9 ON	WWIS
Well ID:	2801328			Data Entry Status:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	7/31/1961
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	1307
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	HALTON
<b>Elevation (m):</b>				<b>Municipality:</b>	HALTON HILLS TOWN (ESQUESING)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	001
<b>Well Depth:</b>				<b>Concession:</b>	09
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	CON
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

#### Bore Hole Information

<b>Bore Hole ID:</b>	10147882	<b>Elevation:</b>	210.06
<b>DP2BR:</b>	35	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	594082.5
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	4826064
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	5
<b>Date Completed:</b>	22-JUL-61	<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>		<b>Location Method:</b>	p5
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

#### Overburden and Bedrock

##### Materials Interval

<b>Formation ID:</b>	931425037
<b>Layer:</b>	3
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	11
<b>Most Common Material:</b>	GRAVEL
<b>Mat2:</b>	09
<b>Other Materials:</b>	MEDIUM SAND
<b>Mat3:</b>	
<b>Other Materials:</b>	
<b>Formation Top Depth:</b>	30
<b>Formation End Depth:</b>	35
<b>Formation End Depth UOM:</b>	ft

#### Overburden and Bedrock

##### Materials Interval

<b>Formation ID:</b>	931425038
<b>Layer:</b>	4
<b>Color:</b>	7
<b>General Color:</b>	RED
<b>Mat1:</b>	17

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
<b>Most Common Material:</b>		SHALE			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		35			
<b>Formation End Depth:</b>		36			
<b>Formation End Depth UOM:</b>		ft			
<u><b>Overburden and Bedrock Materials Interval</b></u>					
<b>Formation ID:</b>		931425036			
<b>Layer:</b>		2			
<b>Color:</b>		7			
<b>General Color:</b>		RED			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		09			
<b>Other Materials:</b>		MEDIUM SAND			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		12			
<b>Formation End Depth:</b>		30			
<b>Formation End Depth UOM:</b>		ft			
<u><b>Overburden and Bedrock Materials Interval</b></u>					
<b>Formation ID:</b>		931425035			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>		05			
<b>Other Materials:</b>		CLAY			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		12			
<b>Formation End Depth UOM:</b>		ft			
<u><b>Method of Construction &amp; Well Use</b></u>					
<b>Method Construction ID:</b>		962801328			
<b>Method Construction Code:</b>		6			
<b>Method Construction:</b>		Boring			
<b>Other Method Construction:</b>					
<u><b>Pipe Information</b></u>					
<b>Pipe ID:</b>		10696452			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<u><b>Construction Record - Casing</b></u>					
<b>Casing ID:</b>		930251625			
<b>Layer:</b>		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material:</b>					
<b>Open Hole or Material:</b>		3			
<b>Depth From:</b>		CONCRETE			
<b>Depth To:</b>		35			
<b>Casing Diameter:</b>		30			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		992801328			
<b>Pump Set At:</b>					
<b>Static Level:</b>		25			
<b>Final Level After Pumping:</b>					
<b>Recommended Pump Depth:</b>		30			
<b>Pumping Rate:</b>		3			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		3			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>					
<b>Pumping Duration MIN:</b>					
<b>Flowing:</b>		N			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933603081			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		35			
<b>Water Found Depth UOM:</b>		ft			
<a href="#">14</a>	1 of 7	SSE/80.1	200.9 / -2.81	FL SIGNS LTD. 1144 STEELES AVE. W. HORNBY ON L0P 1E0	GEN
<b>Generator No:</b>		ON0637200		<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>		86,87,88,89		<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>		3971			
<b>SIC Description:</b>		SIGN & DISPLAY IND.			
<b><u>--Details--</u></b>					
<b>Waste Code:</b>		213			
<b>Waste Description:</b>		PETROLEUM DISTILLATES			
<a href="#">14</a>	2 of 7	SSE/80.1	200.9 / -2.81	FL SIGNS LTD. 1144 STEELES AVE. W. HORNBY ON L0P 1E0	GEN
<b>Generator No:</b>		ON0637200		<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>		90		<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Code:	3971				
SIC Description:		SIGN & DISPLAY IND.			
--Details--					
Waste Code:	213				
Waste Description:		PETROLEUM DISTILLATES			
<a href="#">14</a>	3 of 7	SSE/80.1	200.9 / -2.81	FL SIGNS LTD. 15-184 1144 STEELES AVE. W. HORNBY ON L0P 1E0	GEN
Generator No:	ON0637200			PO Box No:	
Status:				Country:	
Approval Years:	92,93,94,95,96			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	3971				
SIC Description:		SIGN & DISPLAY IND.			
--Details--					
Waste Code:	213				
Waste Description:		PETROLEUM DISTILLATES			
<a href="#">14</a>	4 of 7	SSE/80.1	200.9 / -2.81	FL SIGNS LTD 1144 STEELES AVE. W. HORNBY ON L0P 1E0	GEN
Generator No:	ON0637200			PO Box No:	
Status:				Country:	
Approval Years:	97,98			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	3971				
SIC Description:		SIGN & DISPLAY IND.			
--Details--					
Waste Code:	213				
Waste Description:		PETROLEUM DISTILLATES			
<a href="#">14</a>	5 of 7	SSE/80.1	200.9 / -2.81	FL SIGNS LIMITED 1144 STEELES AVENUE WEST HORNBY ON L0P 1E0	GEN
Generator No:	ON0637200			PO Box No:	
Status:				Country:	
Approval Years:	99,00,01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	3971				
SIC Description:		SIGN & DISPLAY IND.			
--Details--					
Waste Code:	213				
Waste Description:		PETROLEUM DISTILLATES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">14</a>	6 of 7	SSE/80.1	200.9 / -2.81	F L SIGNS LTD. 1144 STEELES AVE W HORNBY ON L0P 1E0	SCT
Established:		1965			
Plant Size (ft²):		4000			
Employment:		10			
--Details--					
Description:		SIGNS AND ADVERTISING SPECIALTIES			
SIC/NAICS Code:		3993			
Description:		Sign Manufacturing			
SIC/NAICS Code:		339950			
<a href="#">14</a>	7 of 7	SSE/80.1	200.9 / -2.81	FL Signs Ltd. 14030 Steeles Ave Hornby ON L0P 1E0	SCT
Established:		01-SEP-65			
Plant Size (ft²):		4000			
Employment:					
--Details--					
Description:		Digital Printing			
SIC/NAICS Code:		323115			
Description:		Sign Manufacturing			
SIC/NAICS Code:		339950			
Description:		Sign Manufacturing			
SIC/NAICS Code:		339950			
<a href="#">15</a>	1 of 1	W/103.6	209.9 / 6.15	lot 1 con 8 ON	WWIS
Well ID:		2803204	Data Entry Status:		
Construction Date:			Data Src:		
Primary Water Use:		Domestic	Date Received:		
Sec. Water Use:		0	Selected Flag:		
Final Well Status:		Water Supply	Abandonment Rec:		
Water Type:			Contractor:		
Casing Material:			Form Version:		
Audit No:			Owner:		
Tag:			Street Name:		
Construction Method:			County:		
Elevation (m):			Municipality:		
Elevation Reliability:			Site Info:		
Depth to Bedrock:			Lot:		
Well Depth:			Concession:		
Overburden/Bedrock:			Concession Name:		
Pump Rate:			Easting NAD83:		
Static Water Level:			Northing NAD83:		
Flowing (Y/N):			Zone:		
Flow Rate:			UTM Reliability:		
Clear/Cloudy:					
Bore Hole Information					
Bore Hole ID:		10149746	Elevation:		209.95

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
DP2BR:	54			Elevrc:	
Spatial Status:				Zone:	17
Code OB:	r			East83:	593954.5
Code OB Desc:	Bedrock			North83:	4826123
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	21-MAR-69			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
Formation ID:		931431130			
Layer:		3			
Color:		7			
General Color:		RED			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		54			
Formation End Depth:		63			
Formation End Depth UOM:		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
Formation ID:		931431128			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		36			
Formation End Depth UOM:		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
Formation ID:		931431129			
Layer:		2			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		05			
Other Materials:		CLAY			
Mat3:					
Other Materials:					
Formation Top Depth:		36			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation End Depth:</b>	54				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>	962803204				
<b>Method Construction Code:</b>	1				
<b>Method Construction:</b>	Cable Tool				
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>	10698316				
<b>Casing No:</b>	1				
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>	930254698				
<b>Layer:</b>	2				
<b>Material:</b>	4				
<b>Open Hole or Material:</b>	OPEN HOLE				
<b>Depth From:</b>					
<b>Depth To:</b>	63				
<b>Casing Diameter:</b>	4				
<b>Casing Diameter UOM:</b>	inch				
<b>Casing Depth UOM:</b>	ft				
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>	930254697				
<b>Layer:</b>	1				
<b>Material:</b>	1				
<b>Open Hole or Material:</b>	STEEL				
<b>Depth From:</b>					
<b>Depth To:</b>	54				
<b>Casing Diameter:</b>	4				
<b>Casing Diameter UOM:</b>	inch				
<b>Casing Depth UOM:</b>	ft				
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>	992803204				
<b>Pump Set At:</b>					
<b>Static Level:</b>	8				
<b>Final Level After Pumping:</b>	50				
<b>Recommended Pump Depth:</b>	50				
<b>Pumping Rate:</b>	5				
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>	3				
<b>Levels UOM:</b>	ft				
<b>Rate UOM:</b>	GPM				
<b>Water State After Test Code:</b>	2				
<b>Water State After Test:</b>	CLOUDY				
<b>Pumping Test Method:</b>	1				
<b>Pumping Duration HR:</b>	2				
<b>Pumping Duration MIN:</b>	0				
<b>Flowing:</b>	N				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Water Details</b>					
Water ID:		933605540			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		63			
Water Found Depth UOM:		ft			
<a href="#">16</a>	1 of 1	SSE/116.1	207.1 / 3.37	EQUITY WASTE MANAGEMENT OF CANADA CORP. PT.LOT 15/CON.8,14000 STEELES HALTON HILLS TOWN ON	CA
Certificate #:		3-1517-94-			
Application Year:		94			
Issue Date:		12/9/1994			
Approval Type:		Municipal sewage			
Status:		Cancelled			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
<a href="#">17</a>	1 of 1	W/118.0	209.9 / 6.15	lot 1 con 8 ON	WWIS
Well ID:	2802956			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	10/28/1968
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	2613
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	001
Well Depth:				Concession:	08
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<b>Bore Hole Information</b>					
Bore Hole ID:	10149502			Elevation:	209.93
DP2BR:	50			Elevrc:	
Spatial Status:				Zone:	17
Code OB:	r			East83:	594004.5
Code OB Desc:	Bedrock			North83:	4826053
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	17-AUG-68			UTMRC Desc:	margin of error : 30 m - 100 m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Remarks:			Location Method: p4		
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931430255			
Layer:		1			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		50			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931430256			
Layer:		2			
Color:		7			
General Color:		RED			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		50			
Formation End Depth:		58			
Formation End Depth UOM:		ft			
<u>Method of Construction &amp; Well</u>					
<u>Use</u>					
Method Construction ID:		962802956			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10698072			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930254319			
Layer:		2			
Material:		4			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		58			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930254318			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		50			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992802956			
Pump Set At:					
Static Level:		4			
Final Level After Pumping:		56			
Recommended Pump Depth:		56			
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:		4			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933605173			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		50			
Water Found Depth UOM:		ft			

<b><u>18</u></b>	<b>1 of 1</b>	<b>SSE/124.8</b>	<b>205.2 / 1.51</b>	<b>lot 15 con 8 ON</b>	<b>WWIS</b>
<b>Well ID:</b>		2808211		<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>		Not Used		<b>Date Received:</b>	
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	
<b>Final Well Status:</b>		Observation Wells		<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	
<b>Casing Material:</b>				<b>Form Version:</b>	
<b>Audit No:</b>		141852		<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	
<b>Elevation (m):</b>				<b>Municipality:</b>	
<b>Elevation Reliability:</b>				<b>Site Info:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth to Bedrock:				Lot:	015
Well Depth:				Concession:	08
Overburden/Bedrock:				Concession Name:	NS
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<b><u>Bore Hole Information</u></b>					
Bore Hole ID:	10154468			Elevation:	208.05
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:	o			East83:	594475
Code OB Desc:	Overburden			North83:	4825664
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	3
Date Completed:	10-NOV-93			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	gps
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<b><u>Overburden and Bedrock Materials Interval</u></b>					
Formation ID:	931450653				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	34				
Most Common Material:	TILL				
Mat2:	06				
Other Materials:	SILT				
Mat3:	66				
Other Materials:	DENSE				
Formation Top Depth:	15				
Formation End Depth:	26				
Formation End Depth UOM:	ft				
<b><u>Overburden and Bedrock Materials Interval</u></b>					
Formation ID:	931450652				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	34				
Most Common Material:	TILL				
Mat2:	81				
Other Materials:	SANDY				
Mat3:	66				
Other Materials:	DENSE				
Formation Top Depth:	7				
Formation End Depth:	15				
Formation End Depth UOM:	ft				
<b><u>Overburden and Bedrock</u></b>					



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		931450651			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		34			
<b>Most Common Material:</b>		TILL			
<b>Mat2:</b>		05			
<b>Other Materials:</b>		CLAY			
<b>Mat3:</b>		73			
<b>Other Materials:</b>		HARD			
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		7			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		931450654			
<b>Layer:</b>		4			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		34			
<b>Most Common Material:</b>		TILL			
<b>Mat2:</b>		28			
<b>Other Materials:</b>		SAND			
<b>Mat3:</b>		66			
<b>Other Materials:</b>		DENSE			
<b>Formation Top Depth:</b>		26			
<b>Formation End Depth:</b>		40			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		933139891			
<b>Layer:</b>		3			
<b>Plug From:</b>		17			
<b>Plug To:</b>		20			
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		933139889			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		3			
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		933139890			
<b>Layer:</b>		2			
<b>Plug From:</b>		3			
<b>Plug To:</b>		4			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Method Construction ID:</b> 962808211 <b>Method Construction Code:</b> 2 <b>Method Construction:</b> Rotary (Convent.) <b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b> 10703038 <b>Casing No:</b> 1 <b>Comment:</b> <b>Alt Name:</b>					
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b> 933339032 <b>Layer:</b> 1 <b>Slot:</b> 040 <b>Screen Top Depth:</b> 30 <b>Screen End Depth:</b> 40 <b>Screen Material:</b> <b>Screen Depth UOM:</b> ft <b>Screen Diameter UOM:</b> inch <b>Screen Diameter:</b> 2					
<b><u>Water Details</u></b>					
<b>Water ID:</b> 933611931 <b>Layer:</b> 1 <b>Kind Code:</b> 5 <b>Kind:</b> Not stated <b>Water Found Depth:</b> 22 <b>Water Found Depth UOM:</b> ft					
<a href="#">19</a>	1 of 1	SSE/153.2	202.7 / -1.01	14030 Steeles Ave Halton Hills ON L0P1E0	EHS
<b>Order No:</b> 20130906005 <b>Status:</b> C <b>Report Type:</b> Standard Select Report <b>Report Date:</b> 16-SEP-13 <b>Date Received:</b> 06-SEP-13 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b>					
<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -79.82914 <b>Y:</b> 43.57772					
<a href="#">20</a>	1 of 1	WSW/154.8	209.9 / 6.15	lot 1 con 8 ON	WWIS
<b>Well ID:</b> 2804036 <b>Construction Date:</b> <b>Primary Water Use:</b> Domestic <b>Sec. Water Use:</b> 0 <b>Final Well Status:</b> Water Supply <b>Water Type:</b> <b>Casing Material:</b> <b>Audit No:</b> <b>Tag:</b> <b>Construction Method:</b> <b>Elevation (m):</b> <b>Elevation Reliability:</b>					
<b>Data Entry Status:</b> <b>Data Src:</b> 1 <b>Date Received:</b> 1/9/1973 <b>Selected Flag:</b> Yes <b>Abandonment Rec:</b> <b>Contractor:</b> 1815 <b>Form Version:</b> 1 <b>Owner:</b> <b>Street Name:</b> <b>County:</b> HALTON <b>Municipality:</b> HALTON HILLS TOWN (ESQUESING) <b>Site Info:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth to Bedrock:				Lot:	001
Well Depth:				Concession:	08
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<b><u>Bore Hole Information</u></b>					
Bore Hole ID:	10150562			Elevation:	210.36
DP2BR:	46			Elevrc:	
Spatial Status:				Zone:	17
Code OB:	r			East83:	593994.5
Code OB Desc:	Bedrock			North83:	4826003
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	6
Date Completed:	10-OCT-72			UTMRC Desc:	margin of error : 300 m - 1 km
Remarks:				Location Method:	p6
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
Formation ID:	931434214				
Layer:	3				
Color:	3				
General Color:	BLUE				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	25				
Formation End Depth:	46				
Formation End Depth UOM:	ft				
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
Formation ID:	931434212				
Layer:	1				
Color:					
General Color:					
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	3				
Formation End Depth UOM:	ft				
<b><u>Overburden and Bedrock</u></b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Materials Interval</u></b>					
Formation ID:		931434213			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		3			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
Formation ID:		931434215			
Layer:		4			
Color:		7			
General Color:		RED			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		46			
Formation End Depth:		61			
Formation End Depth UOM:		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
Method Construction ID:		962804036			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<b><u>Pipe Information</u></b>					
Pipe ID:		10699132			
Casing No:		1			
Comment:					
Alt Name:					
<b><u>Construction Record - Casing</u></b>					
Casing ID:		930256017			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:		47			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<b><u>Results of Well Yield Testing</u></b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
<b>Pump Test ID:</b>		992804036			
<b>Pump Set At:</b>					
<b>Static Level:</b>		11			
<b>Final Level After Pumping:</b>		55			
<b>Recommended Pump Depth:</b>		58			
<b>Pumping Rate:</b>		2			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		2			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		2			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		N			
 <b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934711505			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		45			
<b>Test Level:</b>		56			
<b>Test Level UOM:</b>		ft			
 <b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934177684			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		15			
<b>Test Level:</b>		55			
<b>Test Level UOM:</b>		ft			
 <b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934971828			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		56			
<b>Test Level UOM:</b>		ft			
 <b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934452314			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		30			
<b>Test Level:</b>		56			
<b>Test Level UOM:</b>		ft			
 <b><u>Water Details</u></b>					
<b>Water ID:</b>		933606711			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		55			
<b>Water Found Depth UOM:</b>		ft			
<hr/>					
<a href="#">21</a>	1 of 1	SSE/186.9	200.5 / -3.20	HALTON HILLS ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Well ID:</b>	7103513			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>	Monitoring			<b>Date Received:</b>	4/2/2008
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Observation Wells			<b>Abandonment Rec:</b>	Yes
<b>Water Type:</b>				<b>Contractor:</b>	7238
<b>Casing Material:</b>				<b>Form Version:</b>	4
<b>Audit No:</b>	Z75194			<b>Owner:</b>	
<b>Tag:</b>	A070849			<b>Street Name:</b>	13722 STEELS AVE.
<b>Construction Method:</b>				<b>County:</b>	HALTON
<b>Elevation (m):</b>				<b>Municipality:</b>	HALTON HILLS TOWN (TRAFALGAR)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

#### Bore Hole Information

<b>Bore Hole ID:</b>	1001560361	<b>Elevation:</b>	205.36
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>		<b>East83:</b>	594587
<b>Code OB Desc:</b>		<b>North83:</b>	4825623
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	3
<b>Date Completed:</b>	21-JAN-08	<b>UTMRC Desc:</b>	margin of error : 10 - 30 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

#### Overburden and Bedrock

##### Materials Interval

<b>Formation ID:</b>	1001568547
<b>Layer:</b>	4
<b>Color:</b>	6
<b>General Color:</b>	BROWN
<b>Mat1:</b>	28
<b>Most Common Material:</b>	SAND
<b>Mat2:</b>	06
<b>Other Materials:</b>	SILT
<b>Mat3:</b>	85
<b>Other Materials:</b>	SOFT
<b>Formation Top Depth:</b>	13.3
<b>Formation End Depth:</b>	15
<b>Formation End Depth UOM:</b>	m

#### Overburden and Bedrock

##### Materials Interval

<b>Formation ID:</b>	1001568544
<b>Layer:</b>	1
<b>Color:</b>	6
<b>General Color:</b>	BROWN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		0			
Formation End Depth:		3.3			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1001568545			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		3.3			
Formation End Depth:		6.6			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1001568546			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		05			
Other Materials:		CLAY			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		6.6			
Formation End Depth:		13.3			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1001568550			
Layer:		2			
Plug From:		11.3			
Plug To:		15			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1001568549			
Layer:		1			
Plug From:		0			
Plug To:		11.3			
Plug Depth UOM:		m			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1001568555			
<b>Method Construction Code:</b>		B			
<b>Method Construction:</b>		Other Method			
<b>Other Method Construction:</b>		AUGER			
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1001568542			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1001568552			
<b>Layer:</b>					
<b>Material:</b>		5			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>					
<b>Depth To:</b>		11.6			
<b>Casing Diameter:</b>		5.1			
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1001568553			
<b>Layer:</b>					
<b>Slot:</b>					
<b>Screen Top Depth:</b>					
<b>Screen End Depth:</b>					
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>					
<b>Screen Diameter UOM:</b>					
<b>Screen Diameter:</b>					
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		1001568543			
<b>Pump Set At:</b>					
<b>Static Level:</b>					
<b>Final Level After Pumping:</b>					
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>					
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		m			
<b>Rate UOM:</b>		LPM			
<b>Water State After Test Code:</b>		0			
<b>Water State After Test:</b>					
<b>Pumping Test Method:</b>		0			
<b>Pumping Duration HR:</b>					
<b>Pumping Duration MIN:</b>					
<b>Flowing:</b>		N			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1001568551			
<b>Layer:</b>		1			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Kind Code:</b> <b>Kind:</b> <b>Water Found Depth:</b> <b>Water Found Depth UOM:</b> m					
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b> 1001568548 <b>Diameter:</b> 21 <b>Depth From:</b> <b>Depth To:</b> 15 <b>Hole Depth UOM:</b> m <b>Hole Diameter UOM:</b> cm					
<a href="#">22</a>	1 of 1	W/203.2	209.9 / 6.15	lot 2 con 8 ON	WWIS
<b>Well ID:</b> 2801194 <b>Construction Date:</b> <b>Primary Water Use:</b> Domestic <b>Sec. Water Use:</b> 0 <b>Final Well Status:</b> Water Supply <b>Water Type:</b> <b>Casing Material:</b> <b>Audit No:</b> <b>Tag:</b> <b>Construction Method:</b> <b>Elevation (m):</b> <b>Elevation Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Flow Rate:</b> <b>Clear/Cloudy:</b>					
<b>Data Entry Status:</b> <b>Data Src:</b> 1 <b>Date Received:</b> 4/26/1963 <b>Selected Flag:</b> Yes <b>Abandonment Rec:</b> <b>Contractor:</b> 3711 <b>Form Version:</b> 1 <b>Owner:</b> <b>Street Name:</b> <b>County:</b> HALTON <b>Municipality:</b> HALTON HILLS TOWN (ESQUESING) <b>Site Info:</b> <b>Lot:</b> 002 <b>Concession:</b> 08 <b>Concession Name:</b> CON <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b> 10147748 <b>DP2BR:</b> <b>Spatial Status:</b> <b>Code OB:</b> 0 <b>Code OB Desc:</b> Overburden <b>Open Hole:</b> <b>Cluster Kind:</b> <b>Date Completed:</b> 02-FEB-63 <b>Remarks:</b> <b>Elevrc Desc:</b> <b>Location Source Date:</b> <b>Improvement Location Source:</b> <b>Improvement Location Method:</b> <b>Source Revision Comment:</b> <b>Supplier Comment:</b>					
<b>Elevation:</b> 210.72 <b>Elevrc:</b> <b>Zone:</b> 17 <b>East83:</b> 593823.5 <b>North83:</b> 4826116 <b>Org CS:</b> <b>UTMRC:</b> 5 <b>UTMRC Desc:</b> margin of error : 100 m - 300 m <b>Location Method:</b> p5					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b> 931424620 <b>Layer:</b> 1 <b>Color:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>General Color:</b>					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		2			
Formation End Depth UOM:		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
Formation ID:		931424621			
Layer:		2			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		2			
Formation End Depth:		40			
Formation End Depth UOM:		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
Method Construction ID:		962801194			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<b><u>Pipe Information</u></b>					
Pipe ID:		10696318			
Casing No:		1			
Comment:					
Alt Name:					
<b><u>Construction Record - Casing</u></b>					
Casing ID:		930251407			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		40			
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<b><u>Results of Well Yield Testing</u></b>					
Pump Test ID:		992801194			
Pump Set At:					
Static Level:		25			
Final Level After Pumping:		30			
Recommended Pump Depth:		38			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Pumping Rate:	2				
Flowing Rate:					
Recommended Pump Rate:	2				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	24				
Pumping Duration MIN:	0				
Flowing:	N				
 <u>Water Details</u>					
Water ID:	933602861				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	25				
Water Found Depth UOM:	ft				
<hr/>					
<a href="#">23</a>	1 of 1	W/215.3	209.9 / 6.15	Milton ON	WWIS
Well ID:	7274926			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	11/15/2016
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Abandoned-Other			Abandonment Rec:	Yes
Water Type:				Contractor:	7147
Casing Material:				Form Version:	7
Audit No:	Z246054			Owner:	
Tag:				Street Name:	8250 8TH LINE
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
 <u>Bore Hole Information</u>					
Bore Hole ID:	1006291552			Elevation:	210.57
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	593824
Code OB Desc:				North83:	4826096
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	28-OCT-16			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Overburden and Bedrock Materials Interval</u></b>					
Formation ID:		1006414254			
Layer:					
Color:					
General Color:					
Mat1:					
Most Common Material:					
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:					
Formation End Depth:					
Formation End Depth UOM:		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
Plug ID:		1006414263			
Layer:		4			
Plug From:		6.5			
Plug To:		6.9			
Plug Depth UOM:		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
Plug ID:		1006414262			
Layer:		3			
Plug From:		2.6			
Plug To:		6.5			
Plug Depth UOM:		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
Plug ID:		1006414260			
Layer:		1			
Plug From:		0			
Plug To:		2.2			
Plug Depth UOM:		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
Plug ID:		1006414261			
Layer:		2			
Plug From:		2.2			
Plug To:		2.6			
Plug Depth UOM:		m			
<b><u>Method of Construction &amp; Well Use</u></b>					
Method Construction ID:		1006414259			
Method Construction Code:					
Method Construction:					
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Pipe Information</u></b>					
Pipe ID:		1006414253			
Casing No:		0			
Comment:					
Alt Name:					
<b><u>Construction Record - Casing</u></b>					
Casing ID:		1006414257			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:		0			
Depth To:		6.9			
Casing Diameter:		90			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<b><u>Construction Record - Screen</u></b>					
Screen ID:		1006414258			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<b><u>Water Details</u></b>					
Water ID:		1006414256			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		4.3			
Water Found Depth UOM:		m			
<b><u>Hole Diameter</u></b>					
Hole ID:		1006414255			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

<b><u>24</u></b>	<b>1 of 1</b>	<b>W/250.5</b>	<b>209.9 / 6.15</b>	<b>lot 2 con 8 ON</b>	<b>WWIS</b>
Well ID:	7254501			Data Entry Status:	Yes
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	12/17/2015
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor:	7215
Casing Material:				Form Version:	8
Audit No:	C30563			Owner:	
Tag:	A189557			Street Name:	

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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>	Air			<b>Northing:</b>	4825387.66
<b>MOE Response:</b>	No			<b>Easting:</b>	594468.65
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	2018/09/20			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
<b>Incident Reason:</b>	Operator/Human Error			<b>Source Type:</b>	Valve/Fitting/Piping
<b>Site Name:</b>	Site of line strike<UNOFFICIAL>				
<b>Site County/District:</b>	Regional Municipality of Halton				
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	TSSA FSB; 4", 60lb pressure plastic main; made safe				
<b>Contaminant Qty:</b>	0 other - see incident description				

<a href="#">26</a>	1 of 1	W/253.6	210.9 / 7.15	lot 2 con 8 ON	WWIS
<b>Well ID:</b>	7255338			<b>Data Entry Status:</b>	Yes
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>				<b>Date Received:</b>	1/5/2016
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>				<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	7147
<b>Casing Material:</b>				<b>Form Version:</b>	8
<b>Audit No:</b>	C30938			<b>Owner:</b>	
<b>Tag:</b>	A189557			<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	HALTON
<b>Elevation (m):</b>				<b>Municipality:</b>	HALTON HILLS TOWN (ESQUESING)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	002
<b>Well Depth:</b>				<b>Concession:</b>	08
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	CON
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>	1005854811			<b>Elevation:</b>	211.11
<b>DP2BR:</b>				<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	17
<b>Code OB:</b>				<b>East83:</b>	593744
<b>Code OB Desc:</b>				<b>North83:</b>	4826163
<b>Open Hole:</b>				<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>				<b>UTMRC:</b>	4
<b>Date Completed:</b>	24-DEC-15			<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>				<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					

<a href="#">27</a>	1 of 1	W/274.6	210.6 / 6.95	lot 2 con 8 Milton ON	WWIS
<b>Well ID:</b>	7276289			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Primary Water Use:				Date Received:	12/2/2016
Sec. Water Use:				Selected Flag:	Yes
Final Well Status: Abandoned-Other				Abandonment Rec:	Yes
Water Type:				Contractor:	7147
Casing Material:				Form Version:	7
Audit No: Z246064				Owner:	
Tag:				Street Name:	8250 8TH LINE
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	002
Well Depth:				Concession:	08
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID: 1006301418				Elevation:	210.55
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	593747
Code OB Desc:				North83:	4826103
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed: 11-NOV-16				UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1006465606					
Layer:					
Color:					
General Color:					
Mat1:					
Most Common Material:					
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:					
Formation End Depth:					
Formation End Depth UOM: m					
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID: 1006465613					
Layer: 2					
Plug From: 2.2					
Plug To: 2.6					
Plug Depth UOM: m					



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1006465612			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		2.2			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1006465614			
<b>Layer:</b>		3			
<b>Plug From:</b>		2.6			
<b>Plug To:</b>		24.2			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1006465615			
<b>Layer:</b>		4			
<b>Plug From:</b>		24.2			
<b>Plug To:</b>		25			
<b>Plug Depth UOM:</b>		m			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1006465611			
<b>Method Construction Code:</b>					
<b>Method Construction:</b>					
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1006465605			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1006465609			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>		0			
<b>Depth To:</b>		25			
<b>Casing Diameter:</b>		12.7			
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1006465610			
<b>Layer:</b>					
<b>Slot:</b>					
<b>Screen Top Depth:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Screen End Depth:</b> <b>Screen Material:</b> <b>Screen Depth UOM:</b> m <b>Screen Diameter UOM:</b> cm <b>Screen Diameter:</b>					
<b><u>Water Details</u></b>					
<b>Water ID:</b> 1006465608 <b>Layer:</b> 1 <b>Kind Code:</b> 8 <b>Kind:</b> Untested <b>Water Found Depth:</b> 7.9 <b>Water Found Depth UOM:</b> m					
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b> 1006465607 <b>Diameter:</b> 12.7 <b>Depth From:</b> 0 <b>Depth To:</b> 25 <b>Hole Depth UOM:</b> m <b>Hole Diameter UOM:</b> cm					
<a href="#">28</a>	1 of 1	S/287.3	204.8 / 1.15	lot 15 con 8 ON	WWIS
<b>Well ID:</b> 2807503 <b>Construction Date:</b> <b>Primary Water Use:</b> Industrial <b>Sec. Water Use:</b> <b>Final Well Status:</b> Test Hole <b>Water Type:</b> <b>Casing Material:</b> <b>Audit No:</b> 65946 <b>Tag:</b> <b>Construction Method:</b> <b>Elevation (m):</b> <b>Elevation Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Flow Rate:</b> <b>Clear/Cloudy:</b>					
<b>Data Entry Status:</b> <b>Data Src:</b> 1 <b>Date Received:</b> 12/5/1989 <b>Selected Flag:</b> Yes <b>Abandonment Rec:</b> <b>Contractor:</b> 2336 <b>Form Version:</b> 1 <b>Owner:</b> <b>Street Name:</b> <b>County:</b> HALTON <b>Municipality:</b> HALTON HILLS TOWN (TRAFALGAR) <b>Site Info:</b> <b>Lot:</b> 015 <b>Concession:</b> 08 <b>Concession Name:</b> NS <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b> 10153763 <b>DP2BR:</b> 71 <b>Spatial Status:</b> <b>Code OB:</b> r <b>Code OB Desc:</b> Bedrock <b>Open Hole:</b> <b>Cluster Kind:</b> <b>Date Completed:</b> 10-NOV-89 <b>Remarks:</b> <b>Elevrc Desc:</b> <b>Location Source Date:</b> <b>Improvement Location Source:</b>					
<b>Elevation:</b> 207.46 <b>Elevrc:</b> <b>Zone:</b> 17 <b>East83:</b> 594429 <b>North83:</b> 4825474 <b>Org CS:</b> <b>UTMRC:</b> 3 <b>UTMRC Desc:</b> margin of error : 10 - 30 m <b>Location Method:</b> gps					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Improvement Location Method:</b> <b>Source Revision Comment:</b> <b>Supplier Comment:</b>					
<u><b>Overburden and Bedrock Materials Interval</b></u>					
Formation ID:		931447562			
Layer:		4			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Other Materials:		SAND			
Mat3:		11			
Other Materials:		GRAVEL			
Formation Top Depth:		50			
Formation End Depth:		62			
Formation End Depth UOM:		ft			
<u><b>Overburden and Bedrock Materials Interval</b></u>					
Formation ID:		931447560			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Other Materials:		SAND			
Mat3:		11			
Other Materials:		GRAVEL			
Formation Top Depth:		15			
Formation End Depth:		36			
Formation End Depth UOM:		ft			
<u><b>Overburden and Bedrock Materials Interval</b></u>					
Formation ID:		931447563			
Layer:		5			
Color:		6			
General Color:		BROWN			
Mat1:		10			
Most Common Material:		COARSE SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		62			
Formation End Depth:		67			
Formation End Depth UOM:		ft			
<u><b>Overburden and Bedrock Materials Interval</b></u>					
Formation ID:		931447564			
Layer:		6			
Color:		6			
General Color:		BROWN			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat1:</b>		28			
<b>Most Common Material:</b>		SAND			
<b>Mat2:</b>		05			
<b>Other Materials:</b>		CLAY			
<b>Mat3:</b>		11			
<b>Other Materials:</b>		GRAVEL			
<b>Formation Top Depth:</b>		67			
<b>Formation End Depth:</b>		71			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		931447561			
<b>Layer:</b>		3			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		28			
<b>Other Materials:</b>		SAND			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		36			
<b>Formation End Depth:</b>		50			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		931447559			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		28			
<b>Other Materials:</b>		SAND			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		15			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		931447565			
<b>Layer:</b>		7			
<b>Color:</b>		7			
<b>General Color:</b>		RED			
<b>Mat1:</b>		17			
<b>Most Common Material:</b>		SHALE			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		71			
<b>Formation End Depth:</b>		72			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Use</u></b>					
<b>Method Construction ID:</b>		962807503			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10702333			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930261542			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		62			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930261544			
<b>Layer:</b>		3			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		72			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930261543			
<b>Layer:</b>		2			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		63			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		933338968			
<b>Layer:</b>		1			
<b>Slot:</b>		020			
<b>Screen Top Depth:</b>		63			
<b>Screen End Depth:</b>		66			
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>		5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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#### Results of Well Yield Testing

**Pump Test ID:** 992807503  
**Pump Set At:**  
**Static Level:** 20  
**Final Level After Pumping:** 13  
**Recommended Pump Depth:** 60  
**Pumping Rate:** 6  
**Flowing Rate:**  
**Recommended Pump Rate:** 6  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 24  
**Pumping Duration MIN:** 0  
**Flowing:** N

#### Draw Down & Recovery

**Pump Test Detail ID:** 934964336  
**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 12  
**Test Level UOM:** ft

#### Water Details

**Water ID:** 933611039  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 63  
**Water Found Depth UOM:** ft

<a href="#">29</a>	1 of 1	SE/288.1	200.0 / -3.70	lot 15 con 8 ON	WWIS
<b>Well ID:</b>	2809870			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Not Used			<b>Date Received:</b>	3/22/2004
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Abandoned-Other			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	7100
<b>Casing Material:</b>				<b>Form Version:</b>	2
<b>Audit No:</b>	257693			<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	HALTON
<b>Elevation (m):</b>				<b>Municipality:</b>	HALTON HILLS TOWN (TRAFALGAR)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	015
<b>Well Depth:</b>				<b>Concession:</b>	08
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	NS
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

#### Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Bore Hole ID:</b> 11098142 <b>DP2BR:</b> <b>Spatial Status:</b> <b>Code OB:</b> — <b>Code OB Desc:</b> No formation data <b>Open Hole:</b> <b>Cluster Kind:</b> <b>Date Completed:</b> 19-JUN-03 <b>Remarks:</b> <b>Elevrc Desc:</b> <b>Location Source Date:</b> <b>Improvement Location Source:</b> <b>Improvement Location Method:</b> <b>Source Revision Comment:</b> <b>Supplier Comment:</b>					
<b>Elevation:</b> 201.7 <b>Elevrc:</b> <b>Zone:</b> 17 <b>East83:</b> 594740 <b>North83:</b> 4825631 <b>Org CS:</b> <b>UTMRC:</b> 9 <b>UTMRC Desc:</b> unknown UTM <b>Location Method:</b> lot					
<b><u>Method of Construction &amp; Well Use</u></b> <b>Method Construction ID:</b> 962809870 <b>Method Construction Code:</b> 0 <b>Method Construction:</b> Not Known <b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b> <b>Pipe ID:</b> 11101857 <b>Casing No:</b> 1 <b>Comment:</b> <b>Alt Name:</b>					
<a href="#">30</a>	1 of 1	SE/290.7	200.5 / -3.16	<b>The Regional Municipality of Halton</b> <b>Lot 15, Concession 8, Trafalgar Original Township, South side of Steeles Avenue between Eighth and Ninth Line</b> <b>Halton Hills ON L6M 3L1</b>	ECA
<b>Approval No:</b> 4336-8RXLK5 <b>Approval Date:</b> 2012-02-29 <b>Status:</b> Approved <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> Halton <b>Approval Type:</b> ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Project Type:</b> MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Address:</b> Lot 15, Concession 8, Trafalgar Original Township, South side of Steeles Avenue between Eighth and Ninth Line <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/6856-8RJRFZ-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/6856-8RJRFZ-14.pdf</a>					
<b>MOE District:</b> Halton-Peel <b>City:</b> Halton Hills <b>Longitude:</b> -79.8265 <b>Latitude:</b> 43.5777 <b>Geometry X:</b> <b>Geometry Y:</b>					

# Unplottable Summary

Total: **16** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 15 Con 8	Halton Hills ON	
CA	KINGSWAY PLASTERING LTD.	KINGSWAY IND. MALL STEELES AVE	MILTON TOWN ON	
CA	KINGSWAY PLASTERING LTD.	KINGSWAY IND. MALL STEELES AVE	MILTON TOWN ON	
CA	R.M. OF HALTON	SOUTH SIDE STEELES AVE.	MILTON TOWN ON	
CA	EQUITY WASTE MANAGEMENT OF CANADA CORPOR	CONC.8/W. 1/2 LOT 15	HALTON HILLS TOWN ON	
CA		Part of E half of Lot 15, Conc. 8	Halton Hills ON	
CA	Sajjan Transport Inc.	Lots 1 & 2, North of Halton Road 8	Milton ON	
ECA	Sajjan Transport Inc.	Lots 1 & 2, North of Halton Road 8	Milton ON	L6X 3M1
GEN	Fulsang Nurseries	Eighth Line	Hornby ON	
SPL	Terratec Environmental Ltd.	First field north of Steeles Ave	Halton Hills ON	
SPL	PRIVATE RESIDENCE	8TH LINE, 1 MILE S OF REG.RD.10 E. OF ASHGROVE (RR 2 GEORGETOWN) FURNACE OIL TANK	HALTON HILLS TOWN ON	
SPL	SHELL CANADA PRODUCTS LTD.	STEELS AVE., TWISS FUELS TRANSPORT TRUCK (CARGO)	MILTON TOWN ON	
WWIS		con 8	ON	
WWIS		lot 2	ON	
WWIS		lot 15	ON	
WWIS		lot 1	ON	



# Unplottable Report

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**Site:** Lot 15 Con 8 Halton Hills ON

**Database:**  
[AAGR](#)

**Type:** Pit  
**Region/County:** Halton  
**Township:** Halton Hills  
**Concession:** 8  
**Lot:** 15  
**Size (ha):** 0.4  
**Landuse:**  
**Comments:**

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**Site:** KINGSWAY PLASTERING LTD.  
KINGSWAY IND. MALL STEELES AVE MILTON TOWN ON

**Database:**  
[CA](#)

**Certificate #:** 3-0064-86-  
**Application Year:** 86  
**Issue Date:** 2/21/1986  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** KINGSWAY PLASTERING LTD.  
KINGSWAY IND. MALL STEELES AVE MILTON TOWN ON

**Database:**  
[CA](#)

**Certificate #:** 7-0044-86-  
**Application Year:** 86  
**Issue Date:** 2/21/1986  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** R.M. OF HALTON  
SOUTH SIDE STEELES AVE. MILTON TOWN ON

**Database:**  
[CA](#)

**Certificate #:** 7-1725-87-  
**Application Year:** 87  
**Issue Date:** 11/19/1987  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**

Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

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**Site:** EQUITY WASTE MANAGEMENT OF CANADA CORP  
CONC.8/W. 1/2 LOT 15 HALTON HILLS TOWN ON

**Database:**  
CA

Certificate #: 8-3680-93-956  
Application Year: 93  
Issue Date: 11/3/95  
Approval Type: Industrial air  
Status: Received in 1994, Issued in 1995  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description: COMPOSTING FACILITY  
Contaminants: Odour/Fumes, Ammonia, Methane (Incl. Hydrocarbons Expr. As Ch4  
Emission Control: Absorp. By Dry Collectors

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**Site:** Part of E half of Lot 15, Conc. 8 Halton Hills ON

**Database:**  
CA

Certificate #: 5322-4J2QWY  
Application Year: 00  
Issue Date: 4/5/00  
Approval Type: Municipal & Private sewage  
Status: Approved  
Application Type: New Certificate of Approval  
Client Name: Fernbrook Homes (15Th Sideroad) Limited  
Client Address: 2220 Highway No. 7 West, Unit 5  
Client City: Vaughan  
Client Postal Code: L4K 1W7  
Project Description: Stormwater quality and quantity pond located 180 m E and 50 m N of the intersection of 15th Sideroad and Belmont Blvd. W intersection. The pond occupies block 203 on Draft Plan of Subdivision 24T-92004H.  
Contaminants:  
Emission Control:

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**Site:** Sajjan Transport Inc.  
Lots 1 & 2, North of Halton Road 8 Milton ON

**Database:**  
CA

Certificate #: A841602  
Application Year: 2004  
Issue Date: 11/5/2004  
Approval Type: Waste Management Systems  
Status: Approved  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

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**Site:** Sajjan Transport Inc.  
Lots 1 & 2, North of Halton Road 8 Milton ON L6X 3M1

**Database:**  
ECA

<b>Approval No:</b>	A841602	<b>MOE District:</b>	Halton-Peel
<b>Approval Date:</b>	2004-11-05	<b>City:</b>	Milton
<b>Status:</b>	Revoked and/or Replaced	<b>Longitude:</b>	
<b>Record Type:</b>	ECA	<b>Latitude:</b>	
<b>Link Source:</b>	IDS	<b>Geometry X:</b>	
<b>SWP Area Name:</b>	Toronto	<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-WASTE MANAGEMENT SYSTEMS		
<b>Project Type:</b>	WASTE MANAGEMENT SYSTEMS		
<b>Address:</b>	Lots 1 & 2, North of Halton Road 8		
<b>Full Address:</b>			
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/1671-5WHQ2H-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/1671-5WHQ2H-14.pdf</a>		

**Site:** **Fulsang Nurseries**  
**Eighth Line Hornby ON**

**Database:**  
**GEN**

<b>Generator No:</b>	ON5253082	<b>PO Box No:</b>	
<b>Status:</b>		<b>Country:</b>	
<b>Approval Years:</b>	2012	<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>		<b>Co Admin:</b>	
<b>MHSW Facility:</b>		<b>Phone No Admin:</b>	
<b>SIC Code:</b>	111421		
<b>SIC Description:</b>	Nursery and Tree Production		

**Site:** **Terratec Environmental Ltd.**  
**First field north of Steeles Ave Halton Hills ON**

**Database:**  
**SPL**

<b>Ref No:</b>	8104-6GUHLT	<b>Discharger Report:</b>	0
<b>Site No:</b>		<b>Material Group:</b>	Waste
<b>Incident Dt:</b>	10/4/2005	<b>Health/Env Conseq:</b>	
<b>Year:</b>		<b>Client Type:</b>	
<b>Incident Cause:</b>	Pipe Or Hose Leak	<b>Sector Type:</b>	
<b>Incident Event:</b>		<b>Agency Involved:</b>	
<b>Contaminant Code:</b>		<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	BIO-SOLIDS (N.O.S.)	<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>		<b>Site District Office:</b>	Halton-Peel
<b>Contam Limit Freq 1:</b>		<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>		<b>Site Region:</b>	
<b>Environment Impact:</b>	Not Anticipated	<b>Site Municipality:</b>	Halton Hills
<b>Nature of Impact:</b>	Soil Contamination	<b>Site Lot:</b>	
<b>Receiving Medium:</b>	Land	<b>Site Conc:</b>	
<b>Receiving Env:</b>		<b>Northing:</b>	
<b>MOE Response:</b>		<b>Easting:</b>	
<b>Dt MOE Arvl on Scn:</b>		<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	10/4/2005	<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>		<b>SAC Action Class:</b>	Spills to Highways (usually highway accidents)
<b>Incident Reason:</b>	Error- Operator error	<b>Source Type:</b>	
<b>Site Name:</b>	9th Line, North of Steeles Avenue<UNOFFICIAL>		
<b>Site County/District:</b>			
<b>Site Geo Ref Meth:</b>			
<b>Incident Summary:</b>	Terratec: 15 gallons biosolid to 9th line shoulder/ditch		
<b>Contaminant Qty:</b>	56.775 L		

**Site:** **PRIVATE RESIDENCE**  
**8TH LINE, 1 MILE S OF REG.RD.10 E. OF ASHGROVE (RR 2 GEORGETOWN) FURNACE OIL TANK HALTON HILLS TOWN ON**

**Database:**  
**SPL**

<b>Ref No:</b>	101969	<b>Discharger Report:</b>	
<b>Site No:</b>		<b>Material Group:</b>	
<b>Incident Dt:</b>	6/23/1994	<b>Health/Env Conseq:</b>	
<b>Year:</b>		<b>Client Type:</b>	
<b>Incident Cause:</b>	ABOVE-GROUND TANK LEAK	<b>Sector Type:</b>	
<b>Incident Event:</b>		<b>Agency Involved:</b>	
<b>Contaminant Code:</b>		<b>Nearest Watercourse:</b>	

<b>Contaminant Name:</b>		<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>		<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>		<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>		<b>Site Region:</b>	
<b>Environment Impact:</b>	CONFIRMED	<b>Site Municipality:</b>	14401
<b>Nature of Impact:</b>	Soil contamination	<b>Site Lot:</b>	
<b>Receiving Medium:</b>	LAND	<b>Site Conc:</b>	
<b>Receiving Env:</b>		<b>Northing:</b>	
<b>MOE Response:</b>		<b>Easting:</b>	
<b>Dt MOE Arvl on Scn:</b>		<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	6/28/1994	<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>		<b>SAC Action Class:</b>	
<b>Incident Reason:</b>	CORROSION	<b>Source Type:</b>	
<b>Site Name:</b>			
<b>Site County/District:</b>			
<b>Site Geo Ref Meth:</b>			
<b>Incident Summary:</b>	700 L. FURNACE OIL TO SOIL FROM PRIVATE HEATINGTANK 5 DAYS AGO.		
<b>Contaminant Qty:</b>			

**Site:** SHELL CANADA PRODUCTS LTD.  
STEELS AVE., TWISS FUELS TRANSPORT TRUCK (CARGO) MILTON TOWN ON

**Database:**  
SPL

<b>Ref No:</b>	174190	<b>Discharger Report:</b>	
<b>Site No:</b>		<b>Material Group:</b>	
<b>Incident Dt:</b>	10/26/1999	<b>Health/Env Conseq:</b>	
<b>Year:</b>		<b>Client Type:</b>	
<b>Incident Cause:</b>	OTHER CONTAINER LEAK	<b>Sector Type:</b>	
<b>Incident Event:</b>		<b>Agency Involved:</b>	
<b>Contaminant Code:</b>		<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>		<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>		<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>		<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>		<b>Site Region:</b>	
<b>Environment Impact:</b>	POSSIBLE	<b>Site Municipality:</b>	14402
<b>Nature of Impact:</b>	Water course or lake	<b>Site Lot:</b>	
<b>Receiving Medium:</b>	LAND / WATER	<b>Site Conc:</b>	
<b>Receiving Env:</b>		<b>Northing:</b>	
<b>MOE Response:</b>		<b>Easting:</b>	WORKS
<b>Dt MOE Arvl on Scn:</b>		<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	10/26/1999	<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>		<b>SAC Action Class:</b>	
<b>Incident Reason:</b>	ERROR	<b>Source Type:</b>	
<b>Site Name:</b>			
<b>Site County/District:</b>			
<b>Site Geo Ref Meth:</b>			
<b>Incident Summary:</b>	SHELL CANADA:120 L SPILL OF LUBRICANT TO GRD AND C/B DURING OFF-LOADING.		
<b>Contaminant Qty:</b>			

**Site:**  
con 8 ON

**Database:**  
WWIS

<b>Well ID:</b>	2807168	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	2/7/1989
<b>Sec. Water Use:</b>		<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	1660
<b>Casing Material:</b>		<b>Form Version:</b>	1
<b>Audit No:</b>	43013	<b>Owner:</b>	
<b>Tag:</b>		<b>Street Name:</b>	
<b>Construction Method:</b>		<b>County:</b>	HALTON
<b>Elevation (m):</b>		<b>Municipality:</b>	HALTON HILLS TOWN (ESQUESING)
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	
<b>Well Depth:</b>		<b>Concession:</b>	08
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	CON

Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10153430  
DP2BR:  
Spatial Status:  
Code OB: o  
Code OB Desc: Overburden  
Open Hole:  
Cluster Kind:  
Date Completed: 31-AUG-88  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

Elevation:  
Elevrc:  
Zone: 17  
East83:  
North83:  
Org CS:  
UTMRC: 9  
UTMRC Desc: unknown UTM  
Location Method: na

**Overburden and Bedrock**

**Materials Interval**

Formation ID: 931446112  
Layer: 4  
Color: 6  
General Color: BROWN  
Mat1: 31  
Most Common Material: COARSE GRAVEL  
Mat2:  
Other Materials:  
Mat3:  
Other Materials:  
Formation Top Depth: 35  
Formation End Depth: 36  
Formation End Depth UOM: ft

**Overburden and Bedrock**

**Materials Interval**

Formation ID: 931446110  
Layer: 2  
Color:  
General Color:  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 81  
Other Materials: SANDY  
Mat3: 73  
Other Materials: HARD  
Formation Top Depth: 1  
Formation End Depth: 14  
Formation End Depth UOM: ft

**Overburden and Bedrock**

**Materials Interval**

Formation ID: 931446109  
Layer: 1  
Color: 6  
General Color: BROWN

Mat1: 02  
Most Common Material: TOPSOIL  
Mat2:  
Other Materials:  
Mat3:  
Other Materials:  
Formation Top Depth: 0  
Formation End Depth: 1  
Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

Formation ID: 931446111  
Layer: 3  
Color: 6  
General Color: BROWN  
Mat1: 11  
Most Common Material: GRAVEL  
Mat2: 28  
Other Materials: SAND  
Mat3:  
Other Materials:  
Formation Top Depth: 14  
Formation End Depth: 35  
Formation End Depth UOM: ft

**Method of Construction & Well  
Use**

Method Construction ID: 962807168  
Method Construction Code: 1  
Method Construction: Cable Tool  
Other Method Construction:

**Pipe Information**

Pipe ID: 10702000  
Casing No: 1  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930260940  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 36  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Results of Well Yield Testing**

Pump Test ID: 992807168  
Pump Set At:  
Static Level: 12  
Final Level After Pumping: 15  
Recommended Pump Depth: 30  
Pumping Rate: 20  
Flowing Rate:  
Recommended Pump Rate: 10  
Levels UOM: ft

Rate UOM: GPM  
Water State After Test Code: 1  
Water State After Test: CLEAR  
Pumping Test Method: 1  
Pumping Duration HR: 4  
Pumping Duration MIN: 0  
Flowing: N

**Draw Down & Recovery**

Pump Test Detail ID: 934451894  
Test Type:  
Test Duration: 30  
Test Level: 15  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934972021  
Test Type:  
Test Duration: 60  
Test Level: 15  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934710623  
Test Type:  
Test Duration: 45  
Test Level: 15  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934177895  
Test Type:  
Test Duration: 15  
Test Level: 15  
Test Level UOM: ft

**Water Details**

Water ID: 933610631  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 36  
Water Found Depth UOM: ft

**Site:**

lot 2 ON

**Database:**  
**WWIS**

Well ID: 2808964  
Construction Date:  
Primary Water Use: Domestic  
Sec. Water Use:  
Final Well Status: Water Supply  
Water Type:  
Casing Material:  
Audit No: 195944  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 4/1/1999  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 3406  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** HALTON  
**Municipality:** MILTON TOWN (NASSAGAWEYA)  
**Site Info:**

<b>Depth to Bedrock:</b>	<b>Lot:</b>	002
<b>Well Depth:</b>	<b>Concession:</b>	
<b>Overburden/Bedrock:</b>	<b>Concession Name:</b>	CON
<b>Pump Rate:</b>	<b>Easting NAD83:</b>	
<b>Static Water Level:</b>	<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>	<b>Zone:</b>	
<b>Flow Rate:</b>	<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>		

#### **Bore Hole Information**

<b>Bore Hole ID:</b>	10155221	<b>Elevation:</b>	
<b>DP2BR:</b>	52	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	25-AUG-98	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	na
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

#### **Overburden and Bedrock** **Materials Interval**

<b>Formation ID:</b>	931453694
<b>Layer:</b>	1
<b>Color:</b>	7
<b>General Color:</b>	RED
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY
<b>Mat2:</b>	28
<b>Other Materials:</b>	SAND
<b>Mat3:</b>	12
<b>Other Materials:</b>	STONES
<b>Formation Top Depth:</b>	0
<b>Formation End Depth:</b>	52
<b>Formation End Depth UOM:</b>	ft

#### **Overburden and Bedrock** **Materials Interval**

<b>Formation ID:</b>	931453695
<b>Layer:</b>	2
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	15
<b>Most Common Material:</b>	LIMESTONE
<b>Mat2:</b>	
<b>Other Materials:</b>	
<b>Mat3:</b>	
<b>Other Materials:</b>	
<b>Formation Top Depth:</b>	52
<b>Formation End Depth:</b>	106
<b>Formation End Depth UOM:</b>	ft

#### **Annular Space/Abandonment** **Sealing Record**

<b>Plug ID:</b>	933140372
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Layer: 1  
Plug From: 0  
Plug To: 52  
Plug Depth UOM: ft

**Method of Construction & Well Use**

Method Construction ID: 962808964  
Method Construction Code: 2  
Method Construction: Rotary (Convent.)  
Other Method Construction:

**Pipe Information**

Pipe ID: 10703791  
Casing No: 1  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930264139  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From:  
Depth To: 106  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Casing**

Casing ID: 930264138  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 53  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Results of Well Yield Testing**

Pump Test ID: 992808964  
Pump Set At:  
Static Level: 40  
Final Level After Pumping: 43  
Recommended Pump Depth: 50  
Pumping Rate: 5  
Flowing Rate:  
Recommended Pump Rate: 5  
Levels UOM: ft  
Rate UOM: GPM  
Water State After Test Code: 1  
Water State After Test: CLEAR  
Pumping Test Method: 1  
Pumping Duration HR: 1  
Pumping Duration MIN:  
Flowing: N

**Draw Down & Recovery**

**Pump Test Detail ID:** 934977477  
**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 43  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933613015  
**Layer:** 2  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 95  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933613014  
**Layer:** 1  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 79  
**Water Found Depth UOM:** ft

**Site:**

lot 15 ON

**Database:**  
 WWIS

**Well ID:** 2808979  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 195958  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 4/1/1999  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 3406  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** HALTON  
**Municipality:** MILTON TOWN (NASSAGAWEYA)  
**Site Info:**  
**Lot:** 015  
**Concession:**  
**Concession Name:** CON  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10155236  
**DP2BR:** 20  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 04-SEP-98  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 17  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Overburden and Bedrock  
Materials Interval**

Formation ID: 931453751  
Layer: 1  
Color: 7  
General Color: RED  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 12  
Other Materials: STONES  
Mat3:  
Other Materials:  
Formation Top Depth: 0  
Formation End Depth: 14  
Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

Formation ID: 931453752  
Layer: 2  
Color: 2  
General Color: GREY  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 12  
Other Materials: STONES  
Mat3:  
Other Materials:  
Formation Top Depth: 14  
Formation End Depth: 20  
Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

Formation ID: 931453753  
Layer: 3  
Color:  
General Color:  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Other Materials:  
Mat3:  
Other Materials:  
Formation Top Depth: 20  
Formation End Depth: 85  
Formation End Depth UOM: ft

**Annular Space/Abandonment  
Sealing Record**

Plug ID: 933140387  
Layer: 1  
Plug From: 0  
Plug To: 24  
Plug Depth UOM: ft

**Method of Construction & Well  
Use**

Method Construction ID: 962808979

**Method Construction Code:** 2  
**Method Construction:** Rotary (Convent.)  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10703806  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930264168  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 24  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930264169  
**Layer:** 2  
**Material:**  
**Open Hole or Material:**  
**Depth From:**  
**Depth To:** 85  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 992808979  
**Pump Set At:**  
**Static Level:** 3  
**Final Level After Pumping:** 4  
**Recommended Pump Depth:** 5  
**Pumping Rate:** 5  
**Flowing Rate:**  
**Recommended Pump Rate:** 5  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 934977492  
**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 4  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933613054  
**Layer:** 2  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 64  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933613053  
**Layer:** 1  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 52  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933613055  
**Layer:** 3  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 81  
**Water Found Depth UOM:** ft

**Site:**

lot 1 ON

**Database:**  
**WWIS**

**Well ID:** 2808965  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 195943  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 4/1/1999  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 3406  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** HALTON  
**Municipality:** MILTON TOWN (NASSAGAWEYA)  
**Site Info:**  
**Lot:** 001  
**Concession:**  
**Concession Name:** CON  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10155222  
**DP2BR:** 41  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 25-AUG-98  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 17  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Overburden and Bedrock**  
**Materials Interval**

Formation ID: 931453696  
Layer: 1  
Color: 6  
General Color: BROWN  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 28  
Other Materials: SAND  
Mat3:  
Other Materials:  
Formation Top Depth: 0  
Formation End Depth: 21  
Formation End Depth UOM: ft

**Overburden and Bedrock**  
**Materials Interval**

Formation ID: 931453698  
Layer: 3  
Color:  
General Color:  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2: 05  
Other Materials: CLAY  
Mat3:  
Other Materials:  
Formation Top Depth: 41  
Formation End Depth: 49  
Formation End Depth UOM: ft

**Overburden and Bedrock**  
**Materials Interval**

Formation ID: 931453699  
Layer: 4  
Color:  
General Color:  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Other Materials:  
Mat3:  
Other Materials:  
Formation Top Depth: 49  
Formation End Depth: 85  
Formation End Depth UOM: ft

**Overburden and Bedrock**  
**Materials Interval**

Formation ID: 931453697  
Layer: 2  
Color: 2  
General Color: GREY  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 11  
Other Materials: GRAVEL  
Mat3:  
Other Materials:

**Formation Top Depth:** 21  
**Formation End Depth:** 41  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment**  
**Sealing Record**

**Plug ID:** 933140373  
**Layer:** 1  
**Plug From:** 0  
**Plug To:** 50  
**Plug Depth UOM:** ft

**Method of Construction & Well**  
**Use**

**Method Construction ID:** 962808965  
**Method Construction Code:** 2  
**Method Construction:** Rotary (Convent.)  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10703792  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930264141  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 85  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930264140  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 50  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 992808965  
**Pump Set At:**  
**Static Level:** 10  
**Final Level After Pumping:** 13  
**Recommended Pump Depth:** 55  
**Pumping Rate:** 5  
**Flowing Rate:**  
**Recommended Pump Rate:** 5  
**Levels UOM:** ft  
**Rate UOM:** GPM

**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 934977478  
**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 13  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933613017  
**Layer:** 2  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 81  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933613016  
**Layer:** 1  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 75  
**Water Found Depth UOM:** ft



## Appendix: Database Descriptions

*Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. **Note:** Databases denoted with " \* " indicates that the database will no longer be updated. See the individual database description for more information.*

### **Abandoned Aggregate Inventory:**

Provincial [AAGR](#)

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.\*

**Government Publication Date: Sept 2002\***

### **Aggregate Inventory:**

Provincial [AGR](#)

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

**Government Publication Date: Up to Sep 2018**

### **Abandoned Mine Information System:**

Provincial [AMIS](#)

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

**Government Publication Date: 1800-Oct 2018**

### **Anderson's Waste Disposal Sites:**

Private [ANDR](#)

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

**Government Publication Date: 1860s-Present**

### **Automobile Wrecking & Supplies:**

Private [AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

**Government Publication Date: 1999-Jan 31, 2019**

### **Borehole:**

Provincial [BORE](#)

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

**Government Publication Date: 1875-Jul 2014**

### **Certificates of Approval:**

Provincial [CA](#)

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

**Government Publication Date: 1985-Oct 30, 2011\***

**Dry Cleaning Facilities:**

Federal

CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

**Government Publication Date:** Jan 2004-Dec 2017

**Commercial Fuel Oil Tanks:**

Provincial

CFOT

List of commercial underground fuel oil tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Note: the Fuels Safety Division does not register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of commercial fuel tanks in the province. The TSSA updates information in its system on an ongoing basis; this listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

**Government Publication Date:** Feb 28, 2017

**Chemical Register:**

Private

CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

**Government Publication Date:** 1999-Jan 31, 2019

**Compressed Natural Gas Stations:**

Private

CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

**Government Publication Date:** Dec 2012 - Mar 2019

**Inventory of Coal Gasification Plants and Coal Tar Sites:**

Provincial

COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.\*

**Government Publication Date:** Apr 1987 and Nov 1988\*

**Compliance and Convictions:**

Provincial

CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

**Government Publication Date:** 1989-Mar 2019

**Certificates of Property Use:**

Provincial

CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

**Government Publication Date:** 1994-Mar 31, 2019

**Drill Hole Database:**

Provincial

DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

**Government Publication Date:** 1886 - Oct 2018

**Environmental Activity and Sector Registry:**

Provincial

EASR

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

**Government Publication Date:** Oct 2011-Mar 31, 2019

**Environmental Registry:**

Provincial

[EBR](#)

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

**Government Publication Date: 1994-Mar 31, 2019**

**Environmental Compliance Approval:**

Provincial

[ECA](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

**Government Publication Date: Oct 2011-Mar 31, 2019**

**Environmental Effects Monitoring:**

Federal

[EEM](#)

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

**Government Publication Date: 1992-2007\***

**ERIS Historical Searches:**

Private

[EHS](#)

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

**Government Publication Date: 1999-Jan 31, 2019**

**Environmental Issues Inventory System:**

Federal

[EIIS](#)

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

**Government Publication Date: 1992-2001\***

**Emergency Management Historical Event:**

Provincial

[EMHE](#)

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

**Government Publication Date: Dec 31, 2016**

**Environmental Penalty Annual Report:**

Provincial

[EPAR](#)

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

**Government Publication Date: Jan 1, 2011 - Dec 31, 2018**

**List of TSSA Expired Facilities:**

Provincial

[EXP](#)

List of facilities and tanks - for which there was once a registration - no longer registered with the Fuels Safety Program of the Technical Standards and Safety Authority (TSSA). Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. Tanks which have been removed from the ground are included in the expired facilities inventory held by the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

**Government Publication Date: Feb 28, 2017**

**Federal Convictions:**

Federal

FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

**Government Publication Date: 1988-Jun 2007\***

**Contaminated Sites on Federal Land:**

Federal

FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government.

**Government Publication Date: Jun 2000-Oct 2018**

**Fisheries & Oceans Fuel Tanks:**

Federal

FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

**Government Publication Date: 1964-Sep 2018**

**Fuel Storage Tank:**

Provincial

FST

List of registered private and retail fuel storage tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel storage tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

**Government Publication Date: Feb 28, 2017**

**Fuel Storage Tank - Historic:**

Provincial

FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

**Government Publication Date: Pre-Jan 2010\***

**Ontario Regulation 347 Waste Generators Summary:**

Provincial

GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

**Government Publication Date: 1986-Dec 31, 2018**

**Greenhouse Gas Emissions from Large Facilities:**

Federal

GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO<sub>2</sub> eq).

**Government Publication Date: 2013-Dec 2016**

**TSSA Historic Incidents:**

Provincial

HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

**Government Publication Date: 2006-June 2009\***

**Indian & Northern Affairs Fuel Tanks:**

Federal

IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

**Government Publication Date: 1950-Aug 2003\***

**TSSA Incidents:**

Provincial

INC

List of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC) and made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors, and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

**Government Publication Date: Feb 28, 2017**

**Landfill Inventory Management Ontario:**

Provincial

LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status.

**Government Publication Date: Sep 30, 2017**

**Canadian Mine Locations:**

Private

MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

**Government Publication Date: 1998-2009\***

**Mineral Occurrences:**

Provincial

MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

**Government Publication Date: 1846-Jan 2019**

**National Analysis of Trends in Emergencies System (NATES):**

Federal

NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

**Government Publication Date: 1974-1994\***

**Non-Compliance Reports:**

Provincial

NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

**Government Publication Date: Dec 31, 2017**

**National Defense & Canadian Forces Fuel Tanks:**

Federal

NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

**Government Publication Date: Up to May 2001\***



**National Defense & Canadian Forces Spills:**

Federal

NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

**Government Publication Date: Mar 1999-Apr 2018**

**National Defence & Canadian Forces Waste Disposal Sites:**

Federal

NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

**Government Publication Date: 2001-Apr 2007\***

**National Energy Board Pipeline Incidents:**

Federal

NEBI

Locations of pipeline incidents from 2008 to present, made available by the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

**Government Publication Date: 2008-Dec 31, 2018**

**National Energy Board Wells:**

Federal

NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

**Government Publication Date: 1920-Feb 2003\***

**National Environmental Emergencies System (NEES):**

Federal

NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

**Government Publication Date: 1974-2003\***

**National PCB Inventory:**

Federal

NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

**Government Publication Date: 1988-2008\***

**National Pollutant Release Inventory:**

Federal

NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

**Government Publication Date: 1993-May 2017**

**Oil and Gas Wells:**

Private

OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at [www.nickles.com](http://www.nickles.com).

**Government Publication Date: 1988-Feb 28, 2019**

**Ontario Oil and Gas Wells:**

Provincial

OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSRLibrary has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

**Government Publication Date: 1800-May 2018**

**Inventory of PCB Storage Sites:**

Provincial

OPCB

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

**Government Publication Date:** 1987-Oct 2004; 2012-Dec 2013

**Orders:**

Provincial

ORD

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

**Government Publication Date:** 1994-Mar 31, 2019

**Canadian Pulp and Paper:**

Private

PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

**Government Publication Date:** 1999, 2002, 2004, 2005, 2009-2014

**Parks Canada Fuel Storage Tanks:**

Federal

PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

**Government Publication Date:** 1920-Jan 2005\*

**Pesticide Register:**

Provincial

PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

**Government Publication Date:** 1988-Sep 2018

**TSSA Pipeline Incidents:**

Provincial

PINC

List of pipeline incidents (strikes, leaks, spills) made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors, and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of pipeline incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

**Government Publication Date:** Feb 28, 2017

**Private and Retail Fuel Storage Tanks:**

Provincial

PRT

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

**Government Publication Date:** 1989-1996\*

**Permit to Take Water:**

Provincial

PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

**Government Publication Date:** 1994-Mar 31, 2019

**Ontario Regulation 347 Waste Receivers Summary:**

Provincial

REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

**Government Publication Date:** 1986-2016



**Record of Site Condition:**

Provincial

RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

**Government Publication Date:** 1997-Sept 2001, Oct 2004-Mar 2019

**Retail Fuel Storage Tanks:**

Private

RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

**Government Publication Date:** 1999-Jan 31, 2019

**Scott's Manufacturing Directory:**

Private

SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

**Government Publication Date:** 1992-Mar 2011\*

**Ontario Spills:**

Provincial

SPL

This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

**Government Publication Date:** 1988-Feb 2019

**Wastewater Discharger Registration Database:**

Provincial

SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

**Government Publication Date:** 1990-Dec 31, 2016

**Anderson's Storage Tanks:**

Private

TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

**Government Publication Date:** 1915-1953\*

**Transport Canada Fuel Storage Tanks:**

Federal

TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

**Government Publication Date:** 1970-Aug 2018

**TSSA Variances for Abandonment of Underground Storage Tanks:**

Provincial

VAR

List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of tank variances in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

**Government Publication Date:** Feb 28, 2017

**Waste Disposal Sites - MOE CA Inventory:**

Provincial

[WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

**Government Publication Date: Oct 2011-Mar 31, 2019**

**Waste Disposal Sites - MOE 1991 Historical Approval Inventory:**

Provincial

[WDSH](#)

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

**Government Publication Date: Up to Oct 1990\***

**Water Well Information System:**

Provincial

[WWIS](#)

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

**Government Publication Date: Dec 31, 2017**

# Definitions

**Database Descriptions:** This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

**Detail Report:** This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

**Distance:** The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

**Direction:** The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

**Elevation:** The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

**Executive Summary:** This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

**Map Key:** The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

**Unplottables:** These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.



---

## **Appendix C – Regulatory Requests**

**meysam.jafari@dsconsultants.ca**

---

**From:** Public Information Services <publicinformationsservices@tssa.org>  
**Sent:** October 4, 2019 4:15 PM  
**To:** meysam.jafari@dsconsultants.ca  
**Subject:** RE: UST/AST search

**NO RECORD FOUND (FUEL STORAGE TANKS ONLY)**

Hello. Thank you for your request for confirmation of public information.

We confirm that there are no records in our database of any fuel storage tanks at the subject addresses.

For a further search in our archives please complete our release of public information form found at [https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?\\_mid\\_=392](https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392) and email the completed form to [publicinformationsservices@tssa.org](mailto:publicinformationsservices@tssa.org) or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind regards,

Gaya

---

**From:** meysam.jafari@dsconsultants.ca <meysam.jafari@dsconsultants.ca>  
**Sent:** October 4, 2019 2:26 PM  
**To:** Public Information Services <publicinformationsservices@tssa.org>  
**Subject:** UST/AST search

Hello,

It would be appreciated if you could search your records for the following addresses for records of USTs and/or ASTs.

8137 Eighth Line N, Halton Hills, ON  
8149 Eighth Line N, Halton Hills, ON  
8159 Eighth Line N, Halton Hills, ON  
8169 Eighth Line N, Halton Hills, ON  
8177 Eighth Line N, Halton Hills, ON  
8191 Eighth Line N, Halton Hills, ON  
8195 Eighth Line N, Halton Hills, ON  
8211 Eighth Line N, Halton Hills, ON  
8223 Eighth Line N, Halton Hills, ON  
8079 Eighth Line N, Halton Hills, ON  
8192 Eighth Line N, Halton Hills, ON  
8178 Eighth Line N, Halton Hills, ON  
8170 Eighth Line N, Halton Hills, ON  
8154 Eighth Line N, Halton Hills, ON  
8021 Eighth Line N, Halton Hills, ON  
13850 Steels Ave W, Toronto, ON

14032 Steels Ave W, Halton Hills, ON

Thank you.



**Meysam Jafari, M.Sc., GIT**

**Environmental Technician**

**DS Consultants Ltd**

6221 Highway 7, Unit 16, Vaughan, ON, L4H 0K8

Tel: 905-264-9393

Cell: 647-831-5596

[www.dsconsultants.ca](http://www.dsconsultants.ca)

This electronic message and any attached documents are intended only for the named recipients. This communication from the Technical Standards and Safety Authority may contain information that is privileged, confidential or otherwise protected from disclosure and it must not be disclosed, copied, forwarded or distributed without authorization. If you have received this message in error, please notify the sender immediately and delete the original message.

## Freedom of Information Request

This form is for requesting documents which are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on the completion and use of this form. Our fax no. is (416) 314-4285.

Requester Data			For Ministry Use Only	
Name, Title, Company Name and Mailing Address of Requester Meysam Jafari, M.Sc., GIT DS Consultants Ltd. 6221 Highway 7, Unit 16 Vaughan, ON, L4H 0K8 Email Address: meysam.jafari@dsconsultants.ca			FOI Request No.	Date Request Received
			Fee Paid  <input type="checkbox"/> ACCT <input type="checkbox"/> CHQ      X VISA-MC <input type="checkbox"/> CASH	
Telephone/Fax Nos. Tel : 905-264-9393	Your Project/Reference No. 19-040-100	Signature of Requester	<input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> WCR <input type="checkbox"/> SAC <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/> EMR <input type="checkbox"/> SWA	
Request Parameters				
Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions)  8079 8 <sup>th</sup> Line, Halton Hills, ON				
Present Property Owner(s) and Date(s) of Ownership Glen Hansen				
Previous Property Owner(s) and Date(s) of Ownership				
Present/Previous Tenant(s), (if applicable)				
Search Parameters			Specify Year(s) Requested	
Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.				
Environmental concerns (General correspondence, occurrence reports, abatement)			All Years	
Orders			All Years	
Spills			All Years	
Investigations/prosecutions ▶ Owner <b>AND</b> tenant information must be provided			All Years	
Waste Generator number/classes			All Years	
<b>Certificates of Approval</b> ▶ Proponent information must be provided 1985 and prior records are searched manually. <b>Search fees in excess of \$300.00</b> could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). <b>If supporting documents are also required, mark SD box</b> and specify type e.g. maps, plans, reports, etc.				
			SD	Specify Year(s) Requested
air - emissions				1986- present
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)				1986- present
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations				1986- present
waste water - industrial discharge				1986- present
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites				1986- present
waste systems - PCB destruction, mobile waste processing units, haulers, sewage, non-hazardous & hazardous waste				1986- present
pesticides - licenses				1986- present

A \$5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is \$30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of \$30.00.



Ministry of the Environment,  
Conservation and Parks

Access and Privacy Office

12<sup>th</sup> Floor  
40 St. Clair Avenue West  
Toronto ON M4V 1M2  
Tel: (416) 314-4075  
Fax: (416) 314-4285

Ministère de l'Environnement, de  
la Protection de la nature et des  
Parcs

Bureau de l'accès à l'information et  
de la protection de la vie privée

12<sup>e</sup> étage  
40, avenue St. Clair ouest  
Toronto ON M4V 1M2  
Tél. : (416) 314-4075  
Télééc.: (416) 314-4285



October 7, 2019

Meysam Jafari  
DS Consultants Ltd.  
6221 Highway 7, Unit 16  
Vaughan, ON L4H 0K8

Dear Meysam Jafari:

RE: ***Freedom of Information and Protection of Privacy Act Request***  
**Our File # A-2019-06863, Your Reference 19-040-100**


The Ministry is in receipt of your request made pursuant to the *Freedom of Information and Protection of Privacy Act* and has received your payment in the amount of \$5.00 (non-refundable application fee), along with your \$30.00 deposit.

**The search is being conducted on the following: 8079 8th Line, Halton Hills. If there is any discrepancy please contact us immediately.**

You may expect a reply or additional communication as your request is processed. For your information, the Ministry charges for search, copying and preparation time.

If you have any questions regarding this matter, please contact Dany Briollais at [dany.briollais@ontario.ca](mailto:dany.briollais@ontario.ca).

Yours truly,

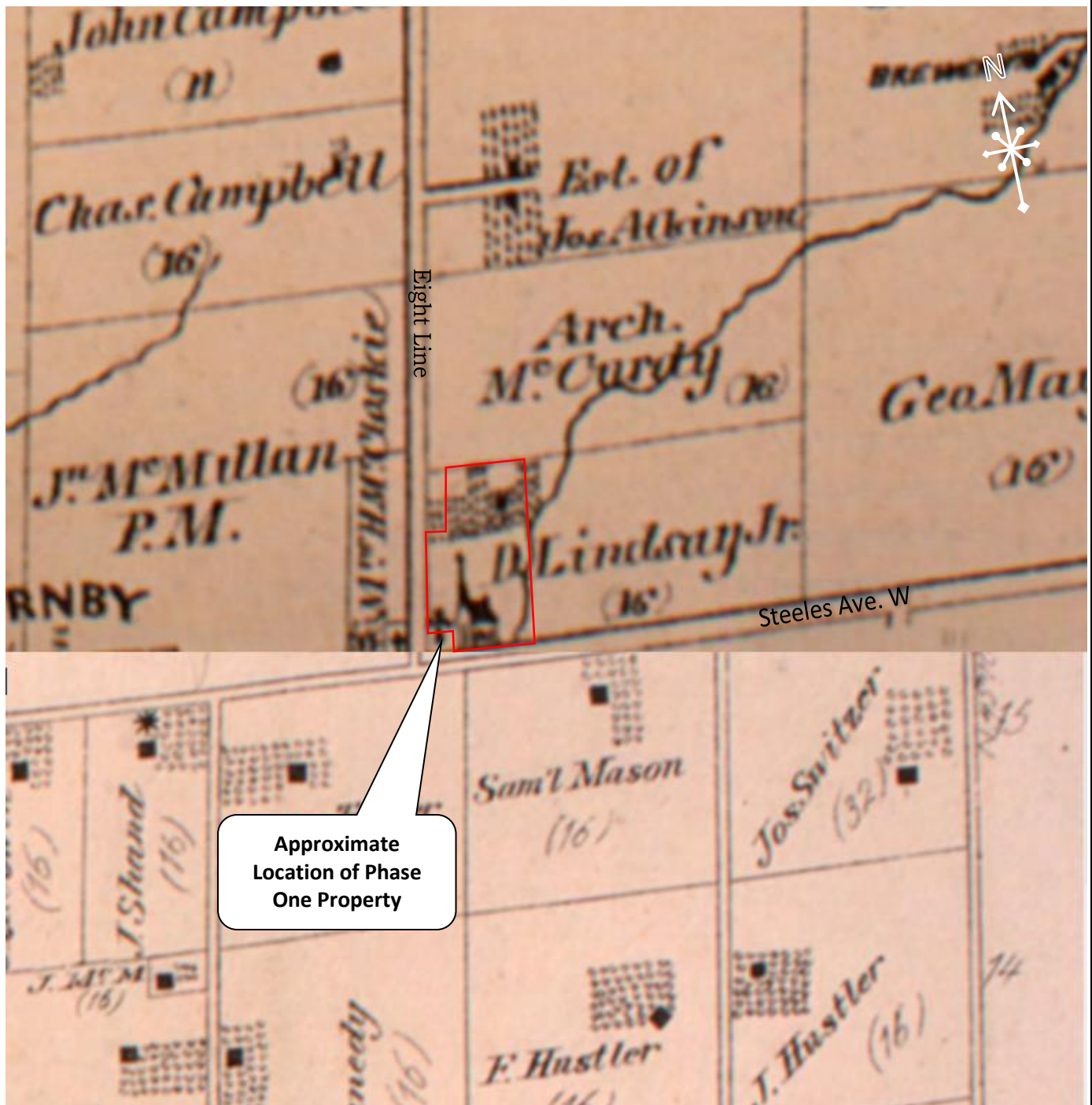


Janet Dadufalza  
Manager, Access and Privacy



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## **Appendix D – Aerial Photographs**



© County Atlas



6221 Highway 7  
Vaughan, ON L4H 0K8

T: 905-264-9393 F: 905-264-2685

## AERIAL PHOTOGRAPH: 1880

Scale:  
~1:10000

Date:  
Nov-19

Project:  
19-040-100

**PHASE ONE ENVIRONMENTAL SITE  
ASSESSMENT**  
**8079 Eight Line, Halton Hills, Ontario**

Prepared For: Glen Hansen

Prepared By:  
MJ

Reviewed By:  
RF

Drawing No.  
**D-1**



© ERIS



6221 Highway 7  
Vaughan, ON L4H 0K8

T: 905-264-9393 F: 905-264-2685

## AERIAL PHOTOGRAPH: 1946

Scale:  
~1:10000

Date:  
Nov-19

Project:  
19-040-100

### PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

8079 Eight Line, Halton Hills, Ontario

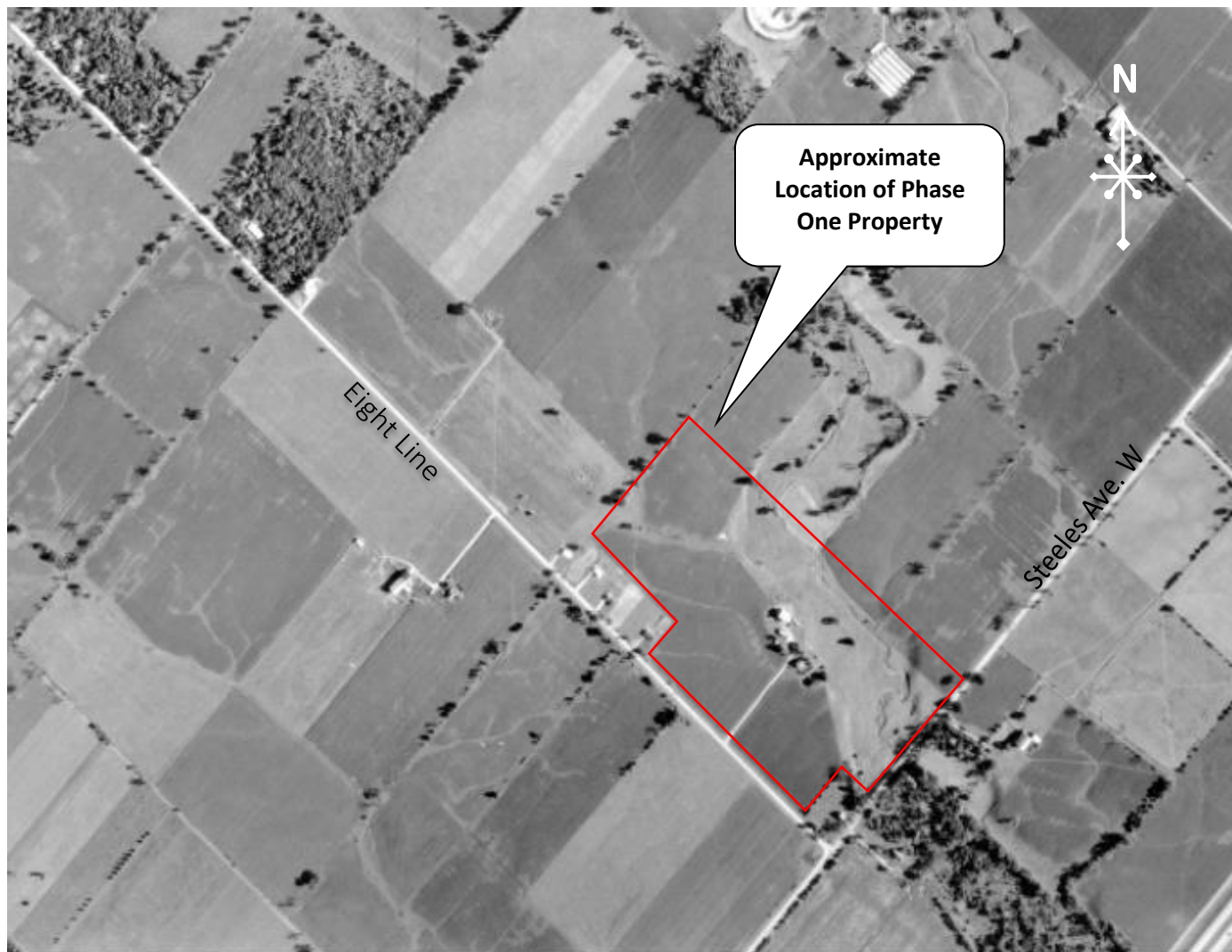
Prepared For: Glen Hansen

Prepared By:  
MJ

Reviewed By:  
RF

Drawing No.  
**D-1**





© ERIS



6221 Highway 7  
Vaughan, ON L4H 0K8  
T: 905-264-9393 F: 905-264-2685

## AERIAL PHOTOGRAPH: 1965

Scale:  
~1:10000

Date:  
Nov-19

Project:  
19-040-100

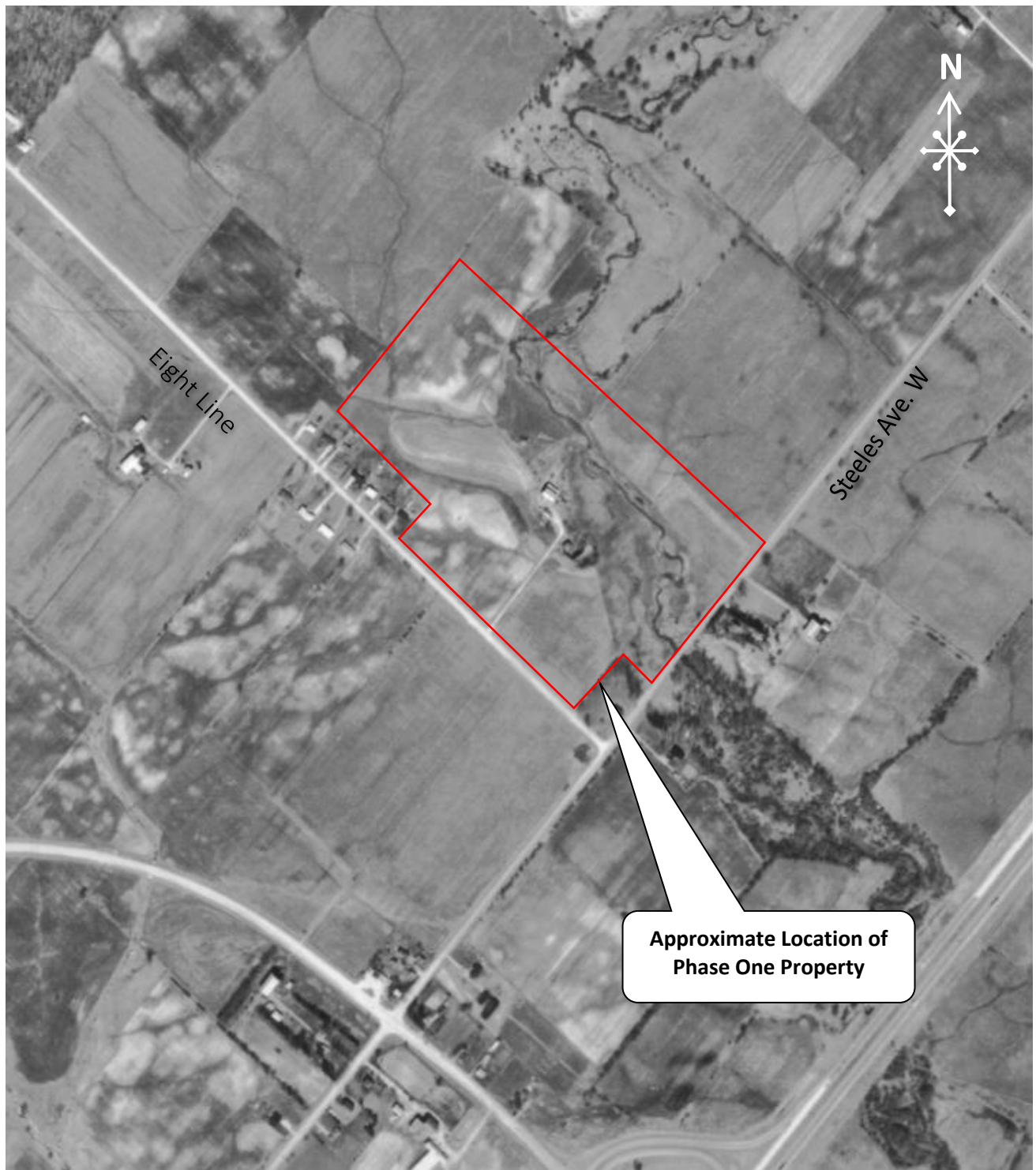
**PHASE ONE ENVIRONMENTAL SITE  
ASSESSMENT**  
**8079 Eight Line, Halton Hills, Ontario**

Prepared For: Glen Hansen

Prepared By:  
MJ

Reviewed By:  
RF

Drawing No.  
**D-2**



© ERIS



6221 Highway 7  
Vaughan, ON L4H 0K8

T: 905-264-9393 F: 905-264-2685

## AERIAL PHOTOGRAPH: 1974

Scale:  
~1:10000

Date:  
Nov-19

Project:  
19-040-100

**PHASE ONE ENVIRONMENTAL SITE  
ASSESSMENT**  
**8079 Eight Line, Halton Hills, Ontario**

Prepared For: Glen Hansen

Prepared By:  
MJ

Reviewed By:  
RF

Drawing No.  
**D-3**





© City of Toronto database



6221 Highway 7  
Vaughan, ON L4H 0K8

T: 905-264-9393 F: 905-264-2685

## AERIAL PHOTOGRAPH: 1988

Scale:  
~1:20000

Date:  
Nov-19

Project:  
19-040-100

### PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

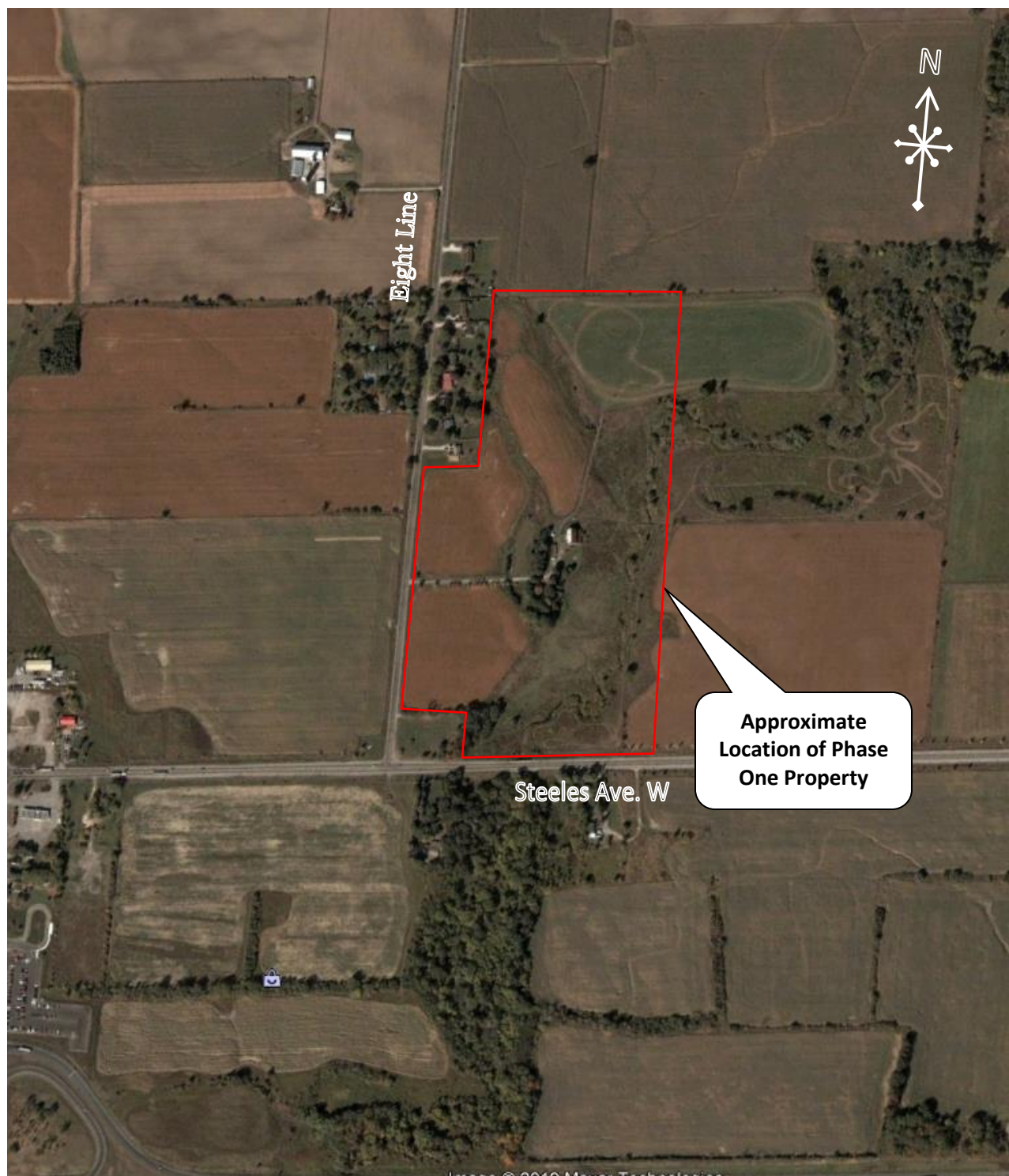
8079 Eight Line, Halton Hills, Ontario

Prepared For: Glen Hansen

Prepared By:  
MJ

Reviewed By:  
RF

Drawing No.  
**D-4**



© Google Earth



6221 Highway 7  
Vaughan, ON L4H 0K8

T: 905-264-9393 F: 905-264-2685

## SATELLITE IMAGE: 2005

Scale:  
~1:5000

Date:  
Nov-19

Project:  
19-040-100

### PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

8079 Eight Line, Halton Hills, Ontario

Prepared For: Glen Hansen

Prepared By:  
MJ

Reviewed By:  
RF

Drawing No.  
**D-5**





© Google Earth



6221 Highway 7  
Vaughan, ON L4H 0K8  
T: 905-264-9393 F: 905-264-2685

## SATELLITE IMAGE: 2015

Scale:  
~1:5000

Date:  
Nov-19

Project:  
19-040-100

### PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 8079 Eight Line, Halton Hills, Ontario

Prepared For: Glen Hansen

Prepared By:  
MJ

Reviewed By:  
RF

Drawing No.  
**D-6**



© Google Earth



6221 Highway 7  
Vaughan, ON L4H 0K8

T: 905-264-9393 F: 905-264-2685

## SATELLITE IMAGE: 2018

Scale:  
~1:10000

Date:  
Nov-19

Project:  
19-040-100

### PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 8079 Eight Line, Halton Hills, Ontario

Prepared For: Glen Hansen

Prepared By:  
MJ

Reviewed By:  
RF

Drawing No.  
**D-7**



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## Appendix E – Site Photographs





**Picture 1: View of The entrance drive way of the Phase One Property, facing east.**



**Picture 2: View of south end of the Phase One Property and East Sixteen Mile Creek, facing southeast.**



**Picture 3: View of the west end of the Phase One Property, facing west.**



**Picture 4: View of the north end of the Phase One Property, facing north.**



**Picture 5: View of the East Sixteen Mile Creek passing from east side of the Phase One Property.**



**Picture 6: View of the residential land use at northwest corner of the Phase One Property , facing west.**



**Picture 7: View of Eight Line along west property boundary, facing southwest.**



**Picture 8: View of the northwest adjoining property at north boundary, facing west.**



**Picture 9: View of Eight Line along west property boundary, facing north.**



**Picture 10: View of the water course and culvert near center of the Phase One Property, facing south.**



**Picture 11: View of the Hornby Presbyterian Cemetery, southwest corner, facing east.**



**Picture 12: View of the Premium mall (southwest), facing southwest.**



**Picture 7: View of the west adjoining property along 8<sup>th</sup> Line, facing west.**



**Picture 8: View of the east adjoining property, facing north.**



**Picture 9: View of the southeast neighbouring properties along Steels Ave west, facing southeast.**



**Picture 10: View of the east adjoining property along Steels Ave W, facing east.**



**Picture 11: View of the residential properties along Steels Ave W, south adjoining property, facing east.**



**Picture 12: View of the east adjoining property along Steels Ave W, facing west.**





---

## **Appendix F – Parcel Registry**



\* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT \* SUBJECT TO RESERVATIONS IN CROWN GRANT \*

PROPERTY DESCRIPTION:PT LT 1 CON 9 ESQ, BEING PART 1 PLAN 20R20358; HALTON HILLS

PROPERTY REMARKS:

ESTATE/QUALIFIER:

FEE SIMPLE  
LT CONVERSION QUALIFIED

RECENTLY:

FIRST CONVERSION FROM BOOK

PIN CREATION DATE:

1996/12/16

OWNERS' NAMES

8079 EIGHTH LINE HALTON HILLS INC.

CAPACITY

SHARE

ROWN

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
<div><div>**EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1996/12/16 ON THIS PIN**</div><div>**WAS REPLACED WITH THE "PIN CREATION DATE" OF 1996/12/16**</div><div>** PRINTOUT INCLUDES ALL DOCUMENT TYPES (DELETED INSTRUMENTS NOT INCLUDED) **</div><div>**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:</div><div>** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *</div><div>** AND ESCHEATS OR FORFEITURE TO THE CROWN.</div><div>** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF</div><div>** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY</div><div>** CONVENTION.</div><div>** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.</div><div>**DATE OF CONVERSION TO LAND TITLES: 1996/12/16 **</div><div>2514211968/07/17BYLAWC</div><div>20R72591985/11/06PLAN REFERENCEC</div><div>20R190832011/11/10PLAN REFERENCEC</div><div>20R203582016/01/05PLAN REFERENCEC</div><div>HR13816922016/08/08TRANS PERSONAL REP\$2,850,000JAMBRITS, PETER PAUL DOMOKOS, GISELE8079 EIGHTH LINE HALTON HILLS INC.C</div><div>REMARKS: PLANNING ACT STATEMENTS.</div></div>						

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.  
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.